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FALL · 1971

TIME TABLE

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TIME TABLE

THE LIBRARY OF THE
AUG 24 1971
UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

BULLETIN · UNIVERSITY OF ILLINOIS · URBANA DEPARTMENTS

FIRST SEMESTER 1971-1972

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UNIVERSITY OF ILLINOIS BULLETIN

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REGISTRATION INSTRUCTIONS

How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

A. THE PROGRAM WORKSHEET

I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.

II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:

a. In the SUBJECT column, the name of the subject, *as abbreviated in the Time Table,* e.g., Rhet. (NOT English).

(Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).

b. In the CRSE. NO. column, the subject course number.

Note: *Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit; and by the graduate student to enroll in a course for credit in undergraduate hours.*

c. In the CR column, the amount of credit in undergraduate hours or graduate units.

SPECIAL INSTRUCTIONS

1. An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
2. A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissable *specific* amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.

d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, *leave the call number column blank for the additional lines needed.*

e. In the INSTR. TYPE column, the official abbreviation (i.e., lect., lect.-disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.

f. In the SCTN. DES. column, the section number or letter designation for each line entry.

g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).

h. In the MEETING PLACE column, the room number and building abbreviation where the class meets.

III. Obtain your adviser's approval for your program.

If your college permits self-advising, you do not need this approval.

IV. Retain the Program Worksheet for your files as your record of the requested program.

B. THE NUMBER 2 PROGRAM REQUEST CARD

I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).

Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional section type (lect., disc., quiz, lab.) listed following each call number in the Time Table.

Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)

III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.

IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.

V. Submit your Number 2 Program Request Card:

a. During advance enrollment,

1. To your adviser (major department, if self-advised — see A, III above), *if you are an undergraduate student.*
2. To your major department, *if you are a graduate student.*

b. During residual and summer session registrations,

1. At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.
2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.

c. During late registration, to the fee assessor in the Administration Building.

ORDER OF REGISTRATION

First Semester, 1971-1972

Wednesday, September 8, through Saturday noon, September 11

GRADUATE STUDENTS

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Tuesday, August 31.

Authorization cards essential to complete registration will be distributed in the Upper Gymnasium, English Building, to *all* graduate students except those individually informed by special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, *but not before.*

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Authorization cards to complete their registration will be distributed in the Armory for *all advance enrolled* undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for *all non-advance enrolled* undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Agriculture

Home Economics and Home Economics Education.....268 Bevier Hall

All other curricula.....108 Mumford Hall

Aviation

All curricula.....Adviser's Table, Huff Gymnasium

Commerce and Business Administration

All curricula.....215a David Kinley Hall

Communications

All curricula.....119 Gregory Hall

Education

All curricula.....120 Education Building

Engineering

All curricula.....Northeast corner entrance, Huff Gymnasium

Fine and Applied Arts

All curricula.....114 Architecture Building

Law

All classes.....111 Law Building

Liberal Arts and Sciences

All curricula.....Lobby, Lincoln Hall Theatre

Physical Education

All curricula.....107 Huff Gymnasium

Veterinary Medicine

All classes.....137 Veterinary Medicine Building

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required) ....Wednesday, September 8

Student registration staff..... 2:30 p.m.
All others with Early Registration permits..... 3:30 p.m.

Thursday, September 9

Sem through Std..... 8:00 a.m.
Ste through Tuk..... 9:00 a.m.
Tul through Wh.....10:00 a.m.
Wi through Z.....11:00 a.m.

A through Bee..... 1:00 p.m.
Bef through Bro..... 2:00 p.m.
Brp through Com..... 3:00 p.m.
Con through Dq..... 4:00 p.m.

Friday, September 10

Dr through Fq..... 8:00 a.m.
Fr through Grd..... 9:00 a.m.
Gre through Her.....10:00 a.m.
Hes through Jog.....11:00 a.m.

Joh through Kou..... 1:00 p.m.
Kov through Lor..... 2:00 p.m.
Los through Meh..... 3:00 p.m.
Mei through Neu..... 4:00 p.m.

Saturday, September 11

Nev through Ph..... 8:00 a.m.
Pi through Rog..... 9:00 a.m.
Roh through Sel.....10:00 a.m.

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register *between 8:00 a.m. and noon* on Saturday, September 11. The offices will *not* be open for registration on Saturday, September 18, or any subsequent Saturday.

Graduate and undergraduate registrations are completed in the Armory through Saturday noon, September 11. Late registrations are completed in the Administration Building, Monday, September 13, and thereafter.

LATE REGISTRATION

The late registration fine of $15.00 will be assessed *all students* who complete registration after 12:00 noon, Saturday, September 11, 1971. No registration is considered complete until the fee card has been deposited with a Business Office cashier. This includes students exempt from tuition and/or fees.

LISTING OF COURSES

The following time table of courses offered by the University is subject to whatever changes may prove necessary at registration time. Notices of all changes in time or place of meeting of classes will be supplied to advisers for checking program cards during registration.

Arrangement

The arrangement of subjects in this time table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (designed for freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (designed for juniors and seniors), 200 to 299; for advanced undergraduates and graduates (junior, senior, or graduate standing required), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are listed on page 7 preceding the departmental listings. These sections are also included in the departmental listings, and are designated by the ampersand symbol (&).

Classification of undergraduate students for registration purposes is based on the following scale, including physical education and military credit: freshman standing, 0 to 29 hours; sophomore standing, 30 to 59 hours; junior standing, 60 to 89 hours; senior standing, 90 or more hours.

Class periods for each course are indicated by numerals for the hours of the day and by letters for the days of the week. For example, "8-10 MWF" indicates that the class period begins at 8:00 a.m. and continues for two hours on Monday, Wednesday, and Friday; while "11 TTS" means that the class period begins at 11:00 a.m. and continues for fifty minutes on Tuesday, Thursday, and Saturday. The place of meeting of each class is shown by the number of the room and the name of the building.

Credit

Credit for graduate students is counted in units. A unit course requires ten hours of time riod a week for one semester or the equivalent in laboratory or field work or approved independent study. The number of hours for which each course counts is shown under each course.

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit.

Some courses have variable credit, as 3 to 5 hours or ½ to 2 units, and in registering for a course with variable credit each student puts on his program card the number of hours or units for which he intends to take the course.

Approval of the Graduate College must be obtained for all registrations of undergraduate students in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

Buildings

University buildings are designated by the following abbreviations:

Admin.....Administration Building
Aero Lab. Aeronautical Engineering Laboratory
Agr Eng...Agricultural Engineering Building
AH.....Altgeld Hall
An Gen.....Animal Genetics Building
Arch.....Architecture Building
ASL.....Animal Sciences Laboratory
Bev Hall.....Bevier Hall
BRL.....Burnsides Research Laboratory
Bur Hall.....Burrill Hall
CA.....Chemistry Annex
CD.....Child Development Laboratory
CEB.....Civil Engineering Building
Cer.....Ceramics Building
Col Wolfe.....Colonel Wolfe School
Com W.....Commerce and Business Administration Building (West)
CRC.....Children's Research Center
CSL.....Coordinated Science and Aerospace Laboratory
DCL.....Digital Computer Laboratory
DH.....Davenport Hall
DKH.....David Kinley Hall
DMB.....Dairy Manufactures Building
EB.....English Building
EC.....East Chemistry Building
Educ.....Education Building
EEB.....Electrical Engineering Building
EH.....Engineering Hall
EPGB....Educational Projects and Guidance Building
ERL.....Engineering Research Laboratory
FAB.....Fine and Applied Arts Building
FLB.....Foreign Languages Building
Flor.....Floriculture Building
Freer Gym.....Freer Gymnasium
GH.....Gregory Hall
HA.....Hill Annex
HFL.....Horticulture Field Laboratory
HG.....Huff Gymnasium
HH.....Harker Hall
IH.....Illini Hall
IU.....Illini Union
KM.....Krannert Art Museum
Kran Perf.....Krannert Center for the Performing Arts
LH.....Lincoln Hall
Lib.....Library
LIR...Labor and Industrial Relations Building
MEB.....Mechanical Engineering Building
MEL.....Mechanical Engineering Laboratory
MH.....Mumford Hall
MMB.....Metallurgy and Mining Building
MOG.....Men's Old Gymnasium
Mor Hall.....Morrill Hall
Mum House.....Mumford House

NEL.....Nuclear Engineering Laboratory
NHB.....Natural History Building
NL.....Noyes Laboratory of Chemistry
Nuc Reac Lab....Nuclear Reactor Laboratory
Observ.....Observatory
PA.....Practice Annex
PB.....Physics Building
Psych Bld.....Psychology Building
Rehab Center . Rehabilitation-Education Center
SA.....String Annex
SH.....Stiven House
SMH.....Smith Music Hall
SP.....Stock Judging Pavilion
Sp Clinic.....Speech Clinic
Stu Sv.....Student Services Building
Surv Bldg.....Surveying Building
TA.....Theory Annex
TB.....Transportation Building
TH.....Turner Hall
TL.....Talbot Laboratory
TV Bldg.....Television Building
UHS.....University High School
VCLA.....Veterinary Clinic, Large Animal
VCSA.....Veterinary Clinic, Small Animal
Veg Crops.....Vegetable Crops Building
VM.....Veterinary Medicine Building
VMACH.....Veterinary Medicine Animal Clinics and Hospital

LISTING OF HONORS SECTIONS.

FOLLOWING IS A LISTING OF HONORS SECTIONS OFFERED DURING THIS SEMESTER. THESE SECTIONS, DESIGNATED BY THE AMPERSAND SYMBOL (&) PRECEDING THE SECTION DESIGNATION, ALSO APPEAR IN THE ALPHABETICAL LISTING OF COURSES.

ACCY	101	00281	LECT-DISC	#&C2	10	M W F	36	COM W	
ACCY	101	00299	LECT-DISC	#&D2	11	M W F	36	COM W	
ACCY	108	00477	LECT-DISC	#&C	10	M W F	115	D K H	
ACCY	308	00791	LECT-DISC	#&E1	1	M W F	30	COM W	
A A E	296	01911	CONF	&	ARR				
A A E	297	01928	CONF	&	ARR				
AG EC	200	02204	CONF	#&B	ARR				
AG EC	370	02528	LECT	#&B	3-430	TU TH	242	BEV HALL	
AG E	299	02688	CONF	&B	ARR				
AG M	300	03021	CONF	#&B	ARR				
AGRON	300	03402	LAB-DISC	&B	ARR				
AN S	200	04027	LAB	#&B	ARR				
ANTH	102	04551	QUIZ	&G	11	TU	313	D H	
ANTH	102	04568	QUIZ	&N	1	TH	313	D H	
ANTH	103	04707	QUIZ	&G	11	TH	313	D H	
ANTH	103	04714	QUIZ	&N	10	TH	405	M H	
ARCH	200	05563	CONF	&CU	ARR				
ARCH	200	05571	CONF	&E	ARR				
ART	111	06359	DISC	#&1	9	TH	207	F A B	
ART	200	07525	LAB-DISC	&A	ARR		139B	F A B	
BIOL	151	11463	LECT	&	11	M W F	231	N H B	
BIOL	151		LAB	&	1-5	TU	102	H H	
BIOL	198	11471	LECT	&A	3-5	M	384	MOR HALL	
BIOL	198	11488	LECT	&B	7-9PM	M	384	MOR HALL	
BIOL	198	11495	LECT	&C	7-9PM	TU	221	N H B	
BIOL	198	11506	LECT	&D	7-9PM	W	231	N H B	
BIOL	198	11513	LECT	&E	7-9PM	TH	231	N H B	
BIOL	203	11521	LECT-DISC	&A	7-9PM	M	136	BUR HALL	
BIOL	203	11538	LECT-DISC	&B	7-9PM	M	231	N H B	
BIOL	203	11545	LECT-DISC	&C	7-9PM	TU	136	BUR HALL	
BIOL	203	11552	LECT-DISC	&D	7-9PM	W	136	BUR HALL	
BIOL	203	11560	LECT-DISC	&E	7-9PM	TH	136	BUR HALL	
BIOL	251	11659	LECT	&	11	M W F	202	H H	
BIOL	251		LAB	&	1-5	F	102	H H	
BIOL	351	11762	LECT	&	12	M W F	204	H H	
BIOL	351		LAB	&	1-3	TH	102	H H	
BIOL	371	11770	LECT	&	12	M W F	202	H H	
BIOL	371		LAB	&	1-3	TH	202	H H	
BOT	101	12063	LAB-DISC	&A	1-3	M W F	259	N H B	
B ADM	200	12444	DISC	#&B	9	W F	329	ARMORY	
B ADM	202	12597	DISC	&N1	10	TU TH	166	COM W	
CHEM	107	15255	QUIZ	&29	1	M W F	193	E C	
CHEM	107		LAB	&29	8-12	M	310	C A	
CHEM	107	15262	QUIZ	&30	2	M W F	193	E C	
CHEM	107		LAB	&30	8-12	W	310	C A	
CHEM	107	15270	QUIZ	&31	10	M W F	116	E C	
CHEM	107		LAB	&31	1-5	M	310	C A	

C E	214	16535	LECT-DISC	#&R	1	TU		1215	C E B
C E	214		LAB-DISC	#&R	1-3		TH	1215	C E B
C E	261	16713	LECT-DISC	#&F	2	M W F		423	E H
C E	280	16827	LECT-DISC	&E	1	M W F		8222	C E B
C E	292	16881	LECT-DISC	#&F	2	M W F		419	E H
C E	293	16931	LECT-DISC	#&G	3	M W F		423	E H
C S	209	19271	LECT-DISC	&A	ARR				
C S	209	19289	LECT-DISC	&B	ARR				
D S	300	19684	CONF	#&B	ARR				
ECON	102	20384	LECT-DISC	#&F	2	M W F		226	COM W
ECON	108	20893	LECT-DISC	&1	10-1130	TU TH		126	COM W
ECON	108	20904	LECT-DISC	&2	1030-12	TU TH		140	COM W
ECON	108	20911	LECT-DISC	&3	1-230	TU TH		140	COM W
ECON	172	21131	LECT-DISC	#&E1	1	M W F		222	D K H
ECON	172		LAB	#&E1	1	TU		205	D K H
EDPSY	211	23042	LECT-DISC	&G	3	M W F		150	ARMORY
E E	229	23940	DISC	#&C	10	M W F		170	E E B
E E	297	24571	LAB	#&B	1-3	TU TH		50M	E E B
E E	340	24895	DISC	#&D	11	M W F		257	E E B
E E	352	25374	DISC	#&P	9	TU TH		260	E E B
E E	352			#&P	1-4		TH	251	E E B
ENG H	196	27329	LECT-DISC	&	10-12		TH	ARR	
ENG H	197	27336	LECT-DISC	&	3-430	M		235	M E B
ENG H	198	27343	CONF	&	ARR				
ENG H	297	27351	CONF	#&J	ARR				
ENG H	297	27368	LECT-DISC	#&P	10-12	TU		302	T B
ENGL	295	29270	LECT-DISC	#&M1	10-12	TU		270	L H
ENGL	295	29287	LECT-DISC	#&M2	10-12		TH	259	E B
ENGL	295	29294	LECT-DISC	#&J1	1-3	TU		137	ADMIN
ENGL	295	29305	LECT-DISC	#&J2	1-3		TH	137	ADMIN
ENGL	297	29312	LECT-DISC	#&G1	3-5	M		303	E B
ENGL	297	29320	LECT-DISC	#&G2	3-5		F	307	E B
FIN	254	30521	LECT-DISC	&G1	3	M W F		28	COM W
F S	300	30884	CONF	&B	ARR				
FOR	200	31040	CONF	#&B	ARR				
FR	201	32497	LECT-DISC	#&E	1	M W F		8	C A
FR	202	32522	LECT-DISC	#&F	2	M W F		336	G H
G E	103	33631	LAB-DISC	&G1	1-4	TU TH		302	T B
G E	103	33649	LAB-DISC	&G2	1-4	TU TH		303	T B
G E	103	33656	LAB-DISC	&G6	1-4	TU TH		316	T B
G E	393	34014	CONF	#&B	ARR				
GEOG	102	34181	QUIZ	&2	8-10	W		143A	M E B
GEOG	103	34306	LAB-DISC	#&5	10	M		175	D H
GEOG	103			#&5	10-12	W		175	D H
GEOG	104	34434	QUIZ	#&12	3		TH	175	D H
GEOG	105	34523	QUIZ	#&2	10	TU		177	D H
GEOL	101	35116	LAB-DISC	#&5	1-3		TH	120	N H B
GEOL	101	35123	LAB-DISC	#&20	1-3	TU		120	N H B
GEOL	102	35251	LAB-DISC	#&7	3-5	TU		120	N H B
GEOL	111	35341	LAB-DISC	&A	ARR			147	N H B
GEOL	112	35358	LAB-DISC	&A	ARR			147	N H B
H ED	260	38607	LECT-DISC	&X1	7-9PM	W		210	FREER GYM
H ED	260	38614	LECT-DISC	&X2	7-9PM	W		15	E B

HIST	111	39342	DISC	*&S	2	TU TH	307	G H
HIST	131	39545	DISC	*&S	2	M W	111	G H
HIST	151	39794	DISC	&S	11	TU TH	307	G H
HIST	152	40156	DISC	&S	2	TU TH	319	G H
HIST	293	40431	CONF	&	ARR			
HIST	295	40448	CONF	&	ARR			
H EC	291	42456	LECT-DISC	*&B	ARR			
H EC	301	42545	LAB	*&E	2-5	TU	109	C D
H EC	370	42610	LECT	*&B	3-430	TU TH	242	BEV HALL
H EC	380	42698	LAB	*&C	1-3	M W	208	BEV HALL
HORT	300	43056	CONF	*&B	ARR			
I E	296	43519	CONF	&Z	ARR			
ITAL	291	44401	CONF	&A	ARR			
L A S	197	46892	CONF	&	1	M W F	94	COMM W
L A S	197		LAB	&	ARR			
MATH	120	49358	LECT-DISC	*&A1	8	MTUWTHF	130	A H
MATH	120	49365	LECT-DISC	*&D1	11	MTUWTHF	165	A H
MATH	135	50122	LECT-DISC	*&A1	8	MTUWTHF	345	A H
MATH	135	50130	LECT-DISC	*&D1	11	MTUWTHF	169	A H
MATH	135	50147	LECT-DISC	*&E1	1	MTUWTHF	159	A H
MATH	140	50396	LECT-DISC	*&A1	8	M W F	108	A H
MATH	140	50407	LECT-DISC	*&D1	11	M W F	173	A H
MATH	141	50600	LECT-DISC	*&C1	10	MTUWTHF	165	A H
MATH	141	50617	LECT-DISC	*&E1	1	MTUWTHF	169	A H
MATH	149	50656	LECT-DISC	*&P	ARR			
MATH	149	50663	LECT-DISC	*&Q	ARR			
MATH	149	50671	LECT-DISC	*&R	ARR			
MATH	149	50688	LECT-DISC	*&S	ARR			
MATH	347	51605	LECT-DISC	*&D1	11	M W F	155	A H
MATH	349	51644	LECT-DISC	&C1	10	M W F	108	A H
M E	205	52956	LECT-DISC	*&C1	10	M F	135	M E B
M E	205			*&C1	10-12	W	135	M E B
M E	271	53556	LECT-DISC	*&E1	1-3	M W F	349	M E B
M E	296	53638	CONF	&Z	ARR			
MUSIC	229	56068	CONF	*&B	ARR			
PHIL	303	60138	DISC	*&P	11	TU	1	G H
PHIL	303	60145	DISC	*&T	3	TU	336	G H
P E M	260	63433	LECT-DISC	&X1	7-9PM	W	210	FREER GYM
P E M	260	63441	LECT-DISC	&X2	7-9PM	W	15	E B
P E W	150	65904	DISC	&T4	3	TU TH	393	BEV HALL
P E W	260	66326	LECT-DISC	&X1	7-9PM	W	210	FREER GYM
P E W	260	66333	LECT-DISC	&X2	7-9PM	W	15	E B
PHYCS	106	66828	LAB	&C3	10-12	F	264	P B
PHYCS	106		QUIZ	&C3	10-12	M	264	P B
PHYCS	106	66835	LAB	&R1	1-3	TU	232	P B
PHYCS	106		QUIZ	&R1	1-3	TH	232	P B
PHYCS	107	67190	LAB	&C3	10-12	W	262	P B
PHYCS	107		QUIZ	&C3	10-12	F	147	P B
PHYCS	107	67201	LAB	&C4	10-12	F	262	P B
PHYCS	107		QUIZ	&C4	10-12	M	147	P B
PHYCS	107	67218	LAB	&E1	1-3	M	234	P B
PHYCS	107		QUIZ	&E1	1-3	W	139	P B
PHYCS	107	67225	LAB	&N1	10-12	TU	234	P B
PHYCS	107		QUIZ	&N1	10-12	TH	264	P B
PHYCS	107	67232	LAB	&R1	1-3	TU	234	P B
PHYCS	107		QUIZ	&R1	1-3	TH	139	P B
PHYCS	107	67240	LAB	&R4	1-3	TH	262	P B
PHYCS	107		QUIZ	&R4	1-3	TU	137	P B

PHYCS	108	67378	LAB	&N2	10-12		TH	258	P B
PHYCS	108		QUIZ	&N2	10-12	TU		258	P B
PHYCS	108	67385	LAB	&R1	1-3		TH	236	P B
PHYCS	108		QUIZ	&R1	1-3	TU		236	P B
PL PA	300	68925	CONF	&B	ARR				
POL S	191	69482	LECT-DISC	&D	11-1	TU	TH	143	ADMIN
PSYCH	100	71398	LECT	&A	10	M	W F	21	PSYCH BLDG
PSYCH	100	71409	LECT	&B	11	M	W F	21	PSYCH BLDG
PSYCH	100	71416	LECT	&C	1	M	W F	21	PSYCH BLDG
PSYCH	100	71423	LECT	&D	2	M	W F	21	PSYCH BLDG
PSYCH	100	71431	LECT	&E	3	M	W F	21	PSYCH BLDG
PSYCH	201	72087	LECT	&D	8	M	W F	207	PSYCH BLDG
PSYCH	201	72094	LECT	&F	9	M	W F	207	PSYCH BLDG
PSYCH	201	72105	LECT	&F	3-420	TU	TH	21	PSYCH BLDG
PSYCH	201	72112	LECT	&G	11	M	W F	207	PSYCH BLDG
PSYCH	216	72241	LECT	*&E	10	M	W F	508	PSYCH BLDG
PSYCH	216	72258	LECT	*&F	1	M	W F	508	PSYCH BLDG
PSYCH	250	72501	LECT	&D	1	M	W F	207	PSYCH BLDG
PSYCH	250	72518	LECT	&E	2	M	W F	207	PSYCH BLDG
PSYCH	338	72863	LECT	*&C	9	M	W F	21	PSYCH BLDG
PSYCH	338	72871	LECT	*&D	12	M	W F	207	PSYCH BLDG
PSYCH	338	72888	LECT	*&E	10	M	W F	608	PSYCH BLDG
REC	260	74451	LECT-DISC	&X1	7-9PM		W	210	FREER GYM
REC	260	74469	LECT-DISC	&X2	7-9PM		W	15	E B
RHET	108	75336	LECT-DISC	&A1	8	M	W F	252	ADMIN
RHET	108	75343	LECT-DISC	&A2	8	M	W F	9	PSYCH BLDG
RHET	108	75351	LECT-DISC	&A3	8	M	W F	312	N L
RHET	108	75368	LECT-DISC	&B1	9	M	W F	252	ADMIN
RHET	108	75375	LECT-DISC	&B2	9	M	W F	9	PSYCH BLDG
RHET	108	75382	LECT-DISC	&B3	9	M	W F	312	N L
RHET	108	75390	LECT-DISC	&B4	9	M	W F	270	L H
RHET	108	75401	LECT-DISC	&B5	9	M	W F	303	E B
RHET	108	75418	LECT-DISC	&B6	9	M	W F	1110	F L B
RHET	108	75425	LECT-DISC	&C1	10	M	W F	252	ADMIN
RHET	108	75432	LECT-DISC	&C2	10	M	W F	9	PSYCH BLDG
RHET	108	75440	LECT-DISC	&C3	10	M	W F	312	N L
RHET	108	75457	LECT-DISC	&C4	10	M	W F	270	L H
RHET	108	75464	LECT-DISC	&C5	10	M	W F	329	ARMORY
RHET	108	75471	LECT-DISC	&C6	10	M	W F	145	L H
RHET	108	75489	LECT-DISC	&D1	11	M	W F	252	ADMIN
RHET	108	75496	LECT-DISC	&D2	11	M	W F	9	PSYCH BLDG
RHET	108	75507	LECT-DISC	&D3	11	M	W F	312	N L
RHET	108	75514	LECT-DISC	&D4	11	M	W F	109	N L
RHET	108	75521	LECT-DISC	&D5	11	M	W F	1024	F L B
RHET	108	75539	LECT-DISC	&D6	11	M	W F	303	E B
RHET	108	75546	LECT-DISC	&X1	12	M	W F	252	ADMIN
RHET	108	75553	LECT-DISC	&X2	12	M	W F	9	PSYCH BLDG
RHET	108	75561	LECT-DISC	&X3	12	M	W F	312	N L
RHET	108	75578	LECT-DISC	&X4	12	M	W F	109	N L
RHET	108	75585	LECT-DISC	&X5	12	M	W F	270	L H
RHET	108	75592	LECT-DISC	&X6	12	M	W F	303	E B
RHET	108	75603	LECT-DISC	&E1	1	M	W F	252	ADMIN
RHET	108	75611	LECT-DISC	&E2	1	M	W F	9	PSYCH BLDG
RHET	108	75628	LECT-DISC	&E3	1	M	W F	312	N L
RHET	108	75635	LECT-DISC	&E4	1	M	W F	109	N L
RHET	108	75642	LECT-DISC	&E5	1	M	W F	270	L H
RHET	108	75650	LECT-DISC	&E6	1	M	W F	241	ARMORY
RHET	108	75667	LECT-DISC	&F1	2	M	W F	252	ADMIN
RHET	108	75674	LECT-DISC	&F2	2	M	W F	9	PSYCH BLDG
RHET	108	75681	LECT-DISC	&F3	2	M	W F	312	N L
RHET	108	75699	LECT-DISC	&F4	2	M	W F	109	N L
RHET	108	75700	LECT-DISC	&F5	2	M	W F	333	ARMORY
RHET	108	75717	LECT-DISC	&F6	2	M	W F	143	ARMORY
RHET	108	75724	LECT-DISC	&F7	2	M	W F	206	D K H
RHET	108	75731	LECT-DISC	&G1	3	M	W F	252	ADMIN
RHET	108	75749	LECT-DISC	&G2	3	M	W F	9	PSYCH BLDG
RHET	108	75756	LECT-DISC	&G3	3	M	W F	312	N L
RHET	108	75763	LECT-DISC	&G4	3	M	W F	109	N L
RHET	108	75771	LECT-DISC	&G5	3	M	W F	241	ARMORY
RHET	108	75788	LECT-DISC	&G6	3	M	W F	102	L H

RHET	108	CONTINUED								
RHET	108	75795	LECT-DISC	&G7	3	M	W	F	206	D K H
RHET	108	75806	LECT-DISC	&H1	4	M	W	F	252	ADMIN
RHET	108	75813	LECT-DISC	&H2	4	M	W	F	9	PSYCH BLDG
RHET	108	75821	LECT-DISC	&H3	4	M	W	F	312	N L
RHET	108	75838	LECT-DISC	&H4	4	M	W	F	109	N L
RHET	108	75845	LECT-DISC	&H5	4	M	W	F	270	L H
RHET	108	75852	LECT-DISC	&H6	4	M	W	F	102	L H
RHET	108	75860	LECT-DISC	&L1	8-930	TU	TH		252	ADMIN
RHET	108	75877	LECT-DISC	&L2	8-930	TU	TH		9	PSYCH BLDG
RHET	108	75884	LECT-DISC	&L3	8-930	TU	TH		312	N L
RHET	108	75891	LECT-DISC	&L4	8-930	TU	TH		109	N L
RHET	108	75902	LECT-DISC	&M1	930-11	TU	TH		252	ADMIN
RHET	108	75910	LECT-DISC	&M2	930-11	TU	TH		9	PSYCH BLDG
RHET	108	75927	LECT-DISC	&M3	930-11	TU	TH		312	N L
RHET	108	75934	LECT-DISC	&M4	930-11	TU	TH		109	N L
RHET	108	75941	LECT-DISC	&M5	930-11	TU	TH		210B	E B
RHET	108	75959	LECT-DISC	&M6	930-11	TU	TH		102	L H
RHET	108	75966	LECT-DISC	&M7	930-11	TU	TH		105	H H
RHET	108	75973	LECT-DISC	&Q1	11-1230	TU	TH		252	ADMIN
RHET	108	75981	LECT-DISC	&Q2	11-1230	TU	TH		9	PSYCH BLDG
RHET	108	75998	LECT-DISC	&Q3	11-1230	TU	TH		312	N L
RHET	108	76001	LECT-DISC	&Q4	11-1230	TU	TH		109	N L
RHET	108	76018	LECT-DISC	&Q5	11-1230	TU	TH		210B	E B
RHET	108	76025	LECT-DISC	&Q6	11-1230	TU	TH		102	L H
RHET	108	76032	LECT-DISC	&Q7	11-1230	TU	TH		105	H H
RHET	108	76040	LECT-DISC	&Q1	1230-2	TU	TH		252	ADMIN
RHET	108	76057	LECT-DISC	&Q2	1230-2	TU	TH		9	PSYCH BLDG
RHET	108	76064	LECT-DISC	&Q3	1230-2	TU	TH		312	N L
RHET	108	76071	LECT-DISC	&Q4	1230-2	TU	TH		109	N L
RHET	108	76089	LECT-DISC	&Q5	1230-2	TU	TH		270	L H
RHET	108	76096	LECT-DISC	&Q6	1230-2	TU	TH		102	L H
RHET	108	76107	LECT-DISC	&Q7	1230-2	TU	TH		105	H H
RHET	108	76114	LECT-DISC	&J1	2-330	TU	TH		252	ADMIN
RHET	108	76121	LECT-DISC	&J2	2-330	TU	TH		9	PSYCH BLDG
RHET	108	76139	LECT-DISC	&J3	2-330	TU	TH		312	N L
RHET	108	76146	LECT-DISC	&J4	2-330	TU	TH		109	N L
RHET	108	76153	LECT-DISC	&J5	2-330	TU	TH		270	L H
RHET	108	76161	LECT-DISC	&J6	2-330	TU	TH		102	L H
RHET	108	76178	LECT-DISC	&Z1	330-5	TU	TH		252	ADMIN
RHET	108	76185	LECT-DISC	&Z2	330-5	TU	TH		9	PSYCH BLDG
RHET	108	76192	LECT-DISC	&Z3	330-5	TU	TH		312	N L
RHET	108	76203	LECT-DISC	&Z4	330-5	TU	TH		109	N L
RHET	108	76211	LECT-DISC	&Z5	330-5	TU	TH		270	L H
RHET	108	76228	LECT-DISC	&Z6	330-5	TU	TH		102	L H
RUSS	101	77579	PRACT	*&D	11	M	W	F	G 58	F L B
RUSS	103	78122	LECT-DISC	*&D	11	MTUWTH			120	COM W
SE ED	249	79402	CONF	*&A	ARR					
SE ED	291	79410	CONF	&	ARR					
SE ED	292	79427	CONF	&	APR					
SOC	290	80974	CONF	&A	APR					
SPAN	103	82587	LECT-DISC	*&B	9	TUWTHF			4	G H
SPAN	104	82676	LECT-DISC	*&C	10	TUWTHF			176	L H
SPAN	291	82975	CONF	&A	ARR					
SPCH	101	84086	LECT-DISC	*&D	11	M	W	F	145	L H
SPCH	111	84218	DISC	&F1	2	M	W	F	143	A H
SPCH	112	85028	DISC	*&L	8-930	TU	TH		429	ARMORY
SPCH	112	85035	DISC	*&N	930-11	TU	TH		429	ARMORY
SPCH	112	85042	DISC	*&P	11-1230	TU	TH		429	ARMORY
SPCH	112	85050	DISC	*&S	2-330	TU	TH		433	ARMORY
SPCH	112	85067	DISC	*&J	330-5	TU	TH		429	ARMORY
SPCH	141	85341	LECT-DISC	*&F	2	M	W	F	429	ARMORY
SPCH	198	85551	LECT-DISC	&C	10	M	W	F	1205	W OREGON
SPCH	198	85569	LECT-DISC	&E	1	M	W	F	1205	W OREGON
U P	171	87901	DISC	*&B2	9			F	1001	W NEVADA
U P	171	87919	DISC	*&F2	2			F	1001	W NEVADA

DEPARTMENT OFFICE 360 COM W

COURSES FOR UNDERGRADUATES

ACCY 101 PRINCIPLES OF ACCOUNTING I.
3 HOURS.
*SECTIONS &C2 AND &D2 OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.
*SECTION M2 IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. A ONE-HOUR WEEKLY LABORATORY MEETING MAY BE SCHEDULED AS NEEDED.

00018	LECT-DISC	A1	8	M W F	322	D K H
00025	LECT-DISC	A2	8	M W F	36	COM W
00032	LECT-DISC	B1	9	M W F	322	D K H
00040	LECT-DISC	B2	9	M W F	36	COM W
00057	LECT-DISC	C1	10	M W F	322	D K H
00281	LECT-DISC	*&C2	10	M W F	36	COM W
00064	LECT-DISC	D1	11	M W F	322	D K H
00299	LECT-DISC	*&D2	11	M W F	36	COM W
00071	LECT-DISC	X1	12	M W F	322	D K H
00089	LECT-DISC	X2	12	M W F	24	COM W
00096	LECT-DISC	E	1	M W F	322	D K H
00107	LECT-DISC	F	2	M W F	322	D K H
00114	LECT-DISC	G1	3	M W F	322	D K H
00121	LECT-DISC	G2	3	M W F	30	COM W
00139	LECT-DISC	H	4	M W F	30	COM W
00146	LECT-DISC	L1	8-930	TU TH	322	D K H
00153	LECT-DISC	L2	8-930	TU TH	36	COM W
00161	LECT-DISC	L3	8-930	TU TH	108	D K H
00178	LECT-DISC	M1	930-11	TU TH	322	D K H
00300	LECT-DISC	*M2	930-11	TU TH	36	COM W
00185	LECT-DISC	M3	930-11	TU TH	108	D K H
00192	LECT-DISC	M4	930-11	TU TH	215	D K H
00203	LECT-DISC	P1	11-1230	TU TH	36	COM W
00211	LECT-DISC	P2	11-1230	TU TH	108	D K H
00228	LECT-DISC	P3	11-1230	TU TH	115	D K H
00235	LECT-DISC	Q1	1230-2	TU TH	322	D K H
00242	LECT-DISC	Q2	1230-2	TU TH	108	D K H
00250	LECT-DISC	Q3	1230-2	TU TH	115	D K H
00267	LECT-DISC	R	1-230	TU TH	30	COM W
00274	LECT-DISC	T	3-430	TU TH	30	COM W

ACCY 105 PRINCIPLES OF ACCOUNTING II.
PREREQUISITE: ACCY. 101.
3 HOURS.

00317	LECT-DISC	A	8	M W F	108	D K H
00324	LECT-DISC	B	9	M W F	108	D K H
00331	LECT-DISC	C1	10	M W F	30	COM W
00349	LECT-DISC	C2	10	M W F	108	D K H
00356	LECT-DISC	D	11	M W F	108	D K H
00363	LECT-DISC	X	12	M W F	108	D K H
00371	LECT-DISC	E	1	M W F	108	D K H
00388	LECT-DISC	F	2	M W F	108	D K H

ACCY 108 INTERMEDIATE ACCOUNTING.
PREREQUISITE: ONE YEAR OF ACCOUNTANCY, SOPHOMORE STANDING.
3 HOURS.
*SECTION &C OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.
*SECTION M IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. A ONE-HOUR WEEKLY LABORATORY MEETING MAY BE SCHEDULED AS NEEDED.

00395	LECT-DISC	A	8	M W F	115	D K H
00406	LECT-DISC	B	9	M W F	115	D K H
00477	LECT-DISC	*&C	10	M W F	115	D K H
00413	LECT-DISC	D	11	M W F	115	D K H
00421	LECT-DISC	X	12	M W F	115	D K H
00438	LECT-DISC	E	1	M W F	115	D K H
00445	LECT-DISC	F	2	M W F	115	D K H
00452	LECT-DISC	G	3	M W F	115	D K H
00460	LECT-DISC	L	8-930	TU TH	24	COM W
00484	LECT-DISC	*M	930-11	TU TH	115	D K H

ACCY 166 COST ACCOUNTING.
PREREQUISITE: ACCY. 105.
3 HOURS.

00491	LECT-DISC	A	8	M	W	F	24	COM W
00502	LECT-DISC	B	9	M	W	F	24	COM W
00510	LECT-DISC	C	10	M	W	F	24	COM W
00527	LECT-DISC	E	1	M	W	F	24	COM W
00534	LECT-DISC	F	2	M	W	F	24	COM W

ACCY 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00541	LECT-DISC	M	930-11	TU TH	152	COM W

COURSES FOR ADVANCED UNDERGRADUATES

ACCY 201 FUNDAMENTALS OF ACCOUNTING.
FOR NON-COMMERCE STUDENTS ONLY.
3 HOURS.

00559	LECT-DISC	A1	8	M	W	F	215	D K H
00566	LECT-DISC	A2	8	M	W	F	152	COM W
00573	LECT-DISC	B1	9	M	W	F	215	D K H
00581	LECT-DISC	B2	9	M	W	F	152	COM W
00598	LECT-DISC	C	10	M	W	F	215	D K H
00609	LECT-DISC	D	11	M	W	F	215	D K H
00616	LECT-DISC	X	12	M	W	F	215	D K H
00623	LECT-DISC	E	1	M	W	F	215	D K H
00631	LECT-DISC	F	2	M	W	F	215	D K H
00648	LECT-DISC	G	3	M	W	F	215	D K H

ACCY 208 ELEMENTARY AND INTERMEDIATE ACCOUNTING.
PREREQUISITE: JUNIOR STANDING, GENERAL UNIVERSITY AVERAGE OF 3.5, OR CONSENT OF THE HEAD OF THE DEPARTMENT.
5 HOURS.

00655	LECT-DISC	D	11-1230	M	W	F	30	COM W

ACCY 221 CURRENT ACCOUNTING TOPICS.
PREREQUISITE: ACCY. 308.
2 HOURS.

00662	LECT-DISC	S	2-4	TU	152	COM W

ACCY 274 BASIC FEDERAL INCOME TAX ACCOUNTING.
PREREQUISITE: ACCY. 105.
3 HOURS.

00670	LECT	C	10	M	W		240	COM W
00687	LECT	D	11	M	W		240	COM W
00694	LECT-DISC	P	11	TU	TH		152	COM W
00705	LECT-DISC	Q	12	TU	TH		240	COM W
00712	LECT-DISC	R	1	TU	TH		215	D K H
00720	LECT-DISC	S	2	TU	TH		240	COM W
00737	LECT-DISC	T	3	TU	TH		240	COM W

ACCY 294 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
2 TO 4 HOURS.

00744	CONF		ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ACCY 308 ADVANCED ACCOUNTING.
PREREQUISITE: ACCY. 166 AND 108, AVERAGE OF "C" OR BETTER IN PRECEDING COURSES IN ACCOUNTANCY.
3 HOURS OR 3/4 UNIT.
*SECTION &E1 OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.

00751	LECT-DISC	A	8	M	W	F	30	COM W
00769	LECT-DISC	B	9	M	W	F	30	COM W
00791	LECT-DISC	*&E1	1	M	W	F	30	COM W
00776	LECT-DISC	E2	1	M	W	F	30	COM W
00783	LECT-DISC	F	2	M	W	F	30	COM W

ACCY 325 ACCOUNTING SYSTEM DESIGN.
PREREQUISITE: C. S. 105, OR ITS EQUIVALENT, AND ACCY. 166.
3 HOURS OR 3/4 UNIT.

00801	LECT	F	2	M			36	COM	W
00819	LECT	G	3	M			36	COM	W
00826	LECT-DISC	F	2		W	F	36	COM	W
00833	LECT-DISC	G	3		W	F	36	COM	W

ACCY 341 GOVERNMENTAL ACCOUNTING.
PREREQUISITE: ACCY. 108.
2 HOURS OR 1/2 UNIT.

00841	LECT-DISC	R	1	TU	TH	240	COM	W

ACCY 366 MANAGERIAL ACCOUNTING AND QUANTITATIVE TECHNIQUES.
PREREQUISITE: ACCY. 166; ECON. 172; MATH. 124.
3 HOURS OR 3/4 UNIT.

00858	LECT-DISC	N	1030-12	TU	TH	24	COM	W

ACCY 371 AUDITING.
PREREQUISITE: ACCY. 308.
3 HOURS OR 3/4 UNIT.

00865	LECT-DISC	L	8-930	TU	TH	240	COM	W
00872	LECT-DISC	N	10-1130	TU	TH	240	COM	W
00880	LECT-DISC	Q	1230-2	TU	TH	36	COM	W
00897	LECT-DISC	S	2-330	TU	TH	36	COM	W

ACCY 372 AUDITING PROBLEMS AND CASES.
PREREQUISITE: ACCY. 371.
3 HOURS OR 3/4 UNIT.

00908	LECT-DISC	L1	8-930	TU	TH	152	COM	W
00915	LECT-DISC	L2	8-930	TU	TH	30	COM	W
00922	LECT-DISC	N	10-1130	TU	TH	30	COM	W

ACCY 377 ADVANCED PROBLEMS.
PREREQUISITE: SENIOR STANDING, CREDIT OR REGISTRATION IN ACCY. 371.
3 HOURS OR 1 UNIT.

00930	LECT-DISC	A	8	M	W	F	240	COM	W
00947	LECT-DISC	B	9	M	W	F	240	COM	W
00954	LECT-DISC	C	10	M	W	F	152	COM	W
00961	LECT-DISC	D	11	M	W	F	152	COM	W
00979	LECT-DISC	E	1	M	W	F	240	COM	W
00986	LECT-DISC	F	2	M	W	F	240	COM	W

COURSES FOR GRADUATES

ACCY 432 ACCOUNTING UNDER DIFFERENT SOCIAL SYSTEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

00993	LECT-DISC		1-3	W			R	COM	W

ACCY 462 MANAGEMENT ACCOUNTING.
PREREQUISITE: AN UNDERGRADUATE COURSE IN MANAGEMENT ACCOUNTING. THE STUDENT'S BACKGROUND IN STATISTICS AND MATHEMATICS SHOULD BE EQUIVALENT TO THE UNDERGRADUATE REQUIREMENTS OF THE U OF I COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION IN THESE AREAS.
1 UNIT.

01006	LECT-DISC	E	1-230	M		F	152	COM	W
01013	LECT-DISC	U	4-530	TU	TH		240	COM	W

ACCY 466 COST ACCOUNTING THEORY AND ANALYSIS.
1 UNIT.

01021	LECT-DISC		1-3	M			R	COM	W

ACCY 473 THE THEORY OF ACCOUNTING SYSTEM DESIGN.
1 UNIT.

01038	LECT-DISC		1-3	W			152	COM	W

ACCY 481 CONCEPTS AND PRINCIPLES.
1 UNIT.

01045	LECT-DISC	G	3-5	M			240	COM	W
01052	LECT-DISC	T	3-5		TH		152	COM	W

ACCY 483 INCOME DETERMINATION.
1 UNIT.

01060	LECT-DISC		3-5	M	152	COM W

ACCY 493 SPECIAL RESEARCH PROBLEMS.
1/4 TO 2 UNITS.

01077	CONF		ARR			

ACCY 499 THESIS RESEARCH.
0 TO 4 UNITS.

01084	DISC		4-6	W	240	COM W

ACCY 501 ACCOUNTING ANALYSIS, I.
3/4 UNIT.

01091	LECT-DISC		1-3	TU TH	8	COM W

ACCY 503 MANAGERIAL ACCOUNTING.
PREREQUISITE: CREDIT OR REGISTPATION IN ACCY. 501 OR EQUIVALENT.
1 UNIT.

01102	LECT-DISC		3-5	TU TH	8	COM W

ACCY 594 METHODS AND PRACTICES IN PROFESSIONAL RESEARCH.
PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE.
1 UNIT.

01110	LECT-DISC		1-3	TH	152	COM W

ADVERTISING

DEPARTMENT OFFICE 103 G H

COURSES FOR ADVANCED UNDERGRADUATES

ADV 281 INTRODUCTION TO ADVERTISING.
3 HOURS.

01127	LECT-DISC	A	8	M W F	43	G H
01134	LECT-DISC	B	9	M W F	43	G H
01141	LECT-DISC	C	10	M W F	43	G H
01159	LECT-DISC	D	11	M W F	221	G H
01166	LECT-DISC	E	1	M W F	221	G H
01173	LECT-DISC	F	2	M W F	43	G H
01181	LECT-DISC	F1	2	M W F	221	G H
01198	LECT-DISC	G	3	M W F	43	G H
01209	LECT-DISC	J	830-10	TU TH	43	G H

ADV 288 SALES WRITING.
SAME AS RHET. 271.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
2 HOURS.
*RESTRICTED TO ADVERTISING MAJORS ONLY.

01231	LECT-DISC	*C	10	M W	326	D K H
01248	LECT-DISC	*M	9	TU TH	326	D K H
01255	LECT-DISC	*P	11	TU TH	326	D K H
01216	LECT-DISC	N	10	TU TH	326	D K H
01223	LECT-DISC	P	1	TU TH	306	D K H

ADV 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS.

01262	CONF		ARR			STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ADV 309 PUBLIC RELATIONS.
PREREQUISITE: SENIOR STANDING IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01270	LECT-DISC		1	M W F	113	G H

ADV 381 ADVERTISING RESEARCH METHODS.
PREREQUISITE: ADV. 281, A BASIC COURSE IN STATISTICAL METHODS, AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01287	LECT-DISC	B	9	M	W	F	113	G	H	STEILEN
01294	LECT-DISC	C	11	M	W	F	43	G	H	STEILEN

ADV 382 ADVERTISING CREATIVE STRATEGY.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01305	LECT	C	10	M	W		18	G	H	WHITE
01312	LAB	C1	10-12			F	18	G	H	
01320	LAB	C2	3-5		TU		18	G	H	
01337	LECT	E	1	M	W		43	G	H	WHITE
01344	LAB	E1	1-3		TU		18	G	H	
01351	LAB	E2	3-5			TH	18	G	H	
01369	LECT	M	10		TU	TH	43	G	H	KITSON
01376	LAB	M1	1-3			W	18	G	H	
01383	LAB	M2	1-3			TH	18	G	H	

ADV 383 ADVERTISING MEDIA POLICY AND STRATEGY.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01391	LECT-DISC	B	9	M	W	F	18	G	H	UNWIN
01401	LECT-DISC	D	11	M	W	F	113	G	H	UNWIN

ADV 384 ADVERTISING CAMPAIGNS.
PREREQUISITE: ADV. 382, AND 383 AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.
COST OF MATERIALS WILL BE APPROXIMATELY $10.00 PER STUDENT.

01419	LECT-DISC	A	8	M	W	F	18	G	H	KITSON
01426	LECT-DISC	D	11	M	W	F	215	G	H	KITSON

ADV 387 ADVERTISING AND PROMOTION MANAGEMENT.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01433	LECT-DISC	A	8	M	W	F	113	G	H	WEDDING
01441	LECT-DISC	C	10	M	W	F	113	G	H	WEDDING

ADV 388 ADVERTISING IN CONTEMPORARY SOCIETY.
PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
*GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND 481.
*2 HOURS OR 1/2 UNIT.

01458	LECT-DISC	M	9		TU	TH	123	G	H	
01465	LECT-DISC	R	12		TU	TH	123	G	H	
01472	LECT-DISC	D	11	M	W		18	G	H	

ADV 389 INTERNATIONAL ADVERTISING AND PROMOTION.
PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

01480	LECT-DISC	B	9	M	W	F	123	G	H	UNWIN

ADV 390 ADVANCED CREATIVE STRATEGY.
PREREQUISITE: ADV. 382 AND CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

01497	LECT-DISC		9-11		TU	TH	18	G	H	WHITE

COURSES FOR GRADUATES

ADV 481 ADVANCED ADVERTISING PRINCIPLES.
SAME AS COMM. 481.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
*GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND 481.
*1 UNIT.

01508	LECT-DISC		3-5			W	123	G	H	WEDDING

ADV 482 RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.
SAME AS COMM. 482.
PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS AND CONSENT OF THE DEPARTMENT.
1 UNIT.

01515	LECT-DISC	1-3	TU	123	G H		DUNN

ADV 484 ADVERTISING AND CONSUMER BEHAVIOR.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
1 UNIT.

01522	LECT-DISC	3-5	M	18	G H		

ADV 490 SPECIAL TOPICS IN ADVERTISING.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT.

01530	CONF	ARR					STAFF

ADV 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN ADVERTISING.
1 OR 2 UNITS.

01547	CONF	ARR					STAFF

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

DEPARTMENT OFFICE 101 T B

COURSES FOR UNDERGRADUATES

A A E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01554	CONF	A	ARR				

COURSES FOR ADVANCED UNDERGRADUATES

A A E 212 AERODYNAMICS, I.
PREREQUISITE: M. E. 207, T. A. M. 156, CREDIT OR REGISTRATION IN MATH. 343.
4 HOURS.

01561	LECT-DISC	A	9	MTUW	F	103	T B
01579	LECT-DISC	B	11	MTUW	F	204	T B
01586	LECT-DISC	C	1	MTUW	F	204	T B

A A E 213 AERODYNAMICS, II.
PREREQUISITE: A. A. E. 212.
4 HOURS.

01593	LECT-DISC	A	1	MTUW	F	103	T B

A A E 224 FLIGHT STRUCTURES, I.
PREREQUISITE: T. A. M. 156 AND MATH. 345.
4 HOURS.

01604	LECT-DISC	A	8	MTUW	F	214	CER
01611	LECT-DISC	B	10	MTUW	F	214	CER
01629	LECT-DISC	C	2	MTUW	F	103	T B

A A E 225 FLIGHT STRUCTURES, II.
PREREQUISITE: A. A. E. 224.
4 HOURS.

01636	LECT-DISC	A	11	MTUW	F	203	T B

A A E 233 AIRCRAFT PROPULSION.
PREREQUISITE: A. A. E. 212.
3 HOURS.

01643	LECT-DISC	A	8	M W	F	103	T B
01651	LECT-DISC	B	10	M W	F	103	T B

A A E 241 FLIGHT VEHICLE DESIGN.
PREREQUISITE: A. A. E. 213, 225, 233, 255, C. S. 101.
3 HOURS.

01668	LECT-DISC	A	3-5	TU TH			202	T B	
		A	10-12			S	203	T B	
01675	LECT-DISC	B	3-5	M	W		204	T B	
		B	10-12			S	204	T B	

A A E 254 AEROSPACE DYNAMIC SYSTEMS, I.
PREREQUISITE: MATH. 345 OR 349.
3 HOURS.

01692	LECT-DISC	A	9	M	W	F	214	CER	
01690	LECT-DISC	B	11	M	W	F	103	T B	
01701	LECT-DISC	C	2	M	W	F	214	CER	

A A E 255 AEROSPACE DYNAMIC SYSTEMS, II.
PREREQUISITE: A. A. E. 254.
4 HOURS.

01718	LECT-DISC	A	2	MTUW		F	204	T B	

A A E 260 AEROSPACE LABORATORY, I.
PREREQUISITE: A. A. E. 213, 225, 233 AND 255.
2 HOURS.

01725	LECT-DISC	L 1	2	TU			202	T B	
	LAB	L 1	3-5	M			104	AERO LAB B	
01732	LECT-DISC	L 2	2	TU			202	T B	
	LAB	L 2	3-5	TU			104	AERO LAB B	
01740	LECT-DISC	L 3	2	TU			202	T B	
	LAB	L 3	3-5		W		104	AERO LAB B	
01757	LECT-DISC	L 4	2	TU			202	T B	
	LAB	L 4	3-5		TH		104	AERO LAB B	
01764	LECT-DISC	L 5	1		TH		202	T B	
	LAB	L 5	3-5	M			104	AERO LAB B	
01771	LECT-DISC	L 6	1		TH		202	T B	
	LAB	L 6	3-5	TU			104	AERO LAB B	
01789	LECT-DISC	L 7	1		TH		202	T B	
	LAB	L 7	3-5		W		104	AERO LAB B	
01796	LECT-DISC	L 8	1		TH		202	T B	
	LAB	L 8	3-5		TH		104	AERO LAB B	
01807	LECT-DISC	L 9	2		TH		202	T B	
	LAB	L 9	3-5	M			104	AERO LAB B	
01814	LECT-DISC	L10	2		TH		202	T B	
	LAB	L10	3-5	TU			104	AERO LAB B	
01821	LECT-DISC	L11	2		TH		202	T B	
	LAB	L11	3-5		W		104	AERO LAB B	
01839	LECT-DISC	L12	2		TH		202	T B	
	LAB	L12	3-5		TH		104	AERO LAB B	

A A E 263 AEROSPACE LABORATORY, II.
PREREQUISITE: A. A. E. 260.
2 HOURS.

01846	LAB		ARR						

A A E 271 PRINCIPLES OF AUTOMATIC CONTROL.
PREREQUISITE: MATH. 345 OR 349.
3 HOURS.

01853	LECT-DISC	A	11	M	W	F	214	CER	KNOEBEL

A A E 292 SEMINAR.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

01861	DISC	A	9		TH		204	T B	
01878	DISC	B	10	TU			204	T B	
01885	DISC	C	10		TH		204	T B	
01892	DISC	D	8		TH		204	T B	
01903	DISC	E	11		TH		204	T B	

A A E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

01911	CONF	&	ARR						

A A E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

01928	CONF	&	ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

A A E 306 FOUNDATIONS OF MECHANICS AND GRAVITATIONAL THEORY.
SAME AS ASTR. 306.
PREREQUISITE: MATH. 140, 141, OR 145.
3 HOURS OR 1 UNIT.

01935	LECT		11	M W F	162	E E B		AVNER

A A E 311 AERODYNAMICS OF COMPRESSIBLE FLUIDS.
PREREQUISITE: A. A. E. 213.
3 HOURS, OR 3/4 OR 1 UNIT.

01942	LECT-DISC	A	3-430	M W	202	T B		ORMSBEE

A A E 317 ELEMENTS OF MAGNETOHYDRODYNAMICS.
SAME AS ASTR. 317.
PREREQUISITE: A. A. E. 212 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01950	LECT-DISC	A	9	M W F	203	T B		BOND

A A E 326 THEORY OF CONTINUOUS MEDIA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01967	LECT-DISC	A	8	M W F	204	T B		HILTON

A A E 334 ROCKET PROPULSION AND ROCKETRY.
PREREQUISITE: FIRST COURSE IN THERMODYNAMICS OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

01974	LECT-DISC	A	10	M W F	202	T B		KRIER

A A E 351 AEROELASTICITY AND AEROINELASTICITY.
PREREQUISITE: A. A. E. 255.
3 HOURS OR 1 UNIT.

01981	LECT-DISC	A	9	M W F	204	T B		ZAK

A A E 391 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING IN ENGINFERING, CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

02019	LAB	A	ARR					
02026	LECT-DISC	B	ARR					
02033	LECT-DISC	C	3	M W F	214	CER		SIVIER
01999	LECT-DISC	D	1	M W F	214	CER		BENNETT
02001	LECT-DISC	*E	11	M W F	ARR			STREHLOW

COURSES FOR GRADUATES

A A E 414 BOUNDARY LAYER THEORY.
PREREQUISITE: A. A. E. 213.
1 UNIT.

02041	LECT-DISC	A	1	M W F	202	T B		YEN

A A E 417 FUNDAMENTALS OF GAS KINETICS.
PREREQUISITE: A. A. E. 213 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
1 UNIT.

02058	LECT-DISC	A	2	M W F	202	T B		SENTMAN

A A E 428 THEORY OF LARGE DEFORMATIONS IN NONLINEAR CONTINUOUS MEDIA.
PREREQUISITE: A. A. E. 326 OR EQUIVALENT.
1 UNIT.

02065	LECT-DISC	A	10	M W F	204	T B		HILTON

A A E 438 FUNDAMENTALS OF COMBUSTION.
SAME AS M. E. 403.
PREREQUISITE: A. A. E. 213 OR M. E. 305.
1 UNIT.

02072	LECT-DISC	A	10	M W F	203	T B		STREHLOW

A A E 452 STOCHASTIC STRUCTURAL DYNAMICS.
SAME AS T. A. M. 417.
PREREQUISITE: A. A. E. 255 OR T. A. M. 412, OR EQUIVALENT.
1 UNIT.

02080	LECT-DISC	A	930-11	TU TH	203	T B	LIN

A A E 490 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.

02097	CONF	A	4	F	103	T B	SIVIER

A A E 493 SPECIAL PROBLEMS.
1 OR 2 UNITS.

02108	CONF	A	ARR				
02115	LECT-DISC	B	10-1130	TU TH	103	T B	VAN TASSELL
02122	LECT-DISC	C	3-430	TU TH	103	T B	PRUSSING
02130	LECT-DISC	D	1-230	TU TH	214	CER	SIVIER

A A E 499 THESIS RESEARCH.
0 TO 4 UNITS.

02147	CONF		ARR				STAFF

AGRICULTURAL ECONOMICS

DEPARTMENT OFFICE 305 M H

COURSES FOR UNDERGRADUATES

AG EC 100 INTRODUCTORY AGRICULTURAL ECONOMICS.
3 HOURS.

02154	LECT-DISC	B1	9	M	W	F	W115	T H	
02161	LECT-DISC	B2	9	M	W	F	442	M H	
02179	LECT-DISC	C1	10	M	W	F	N107	T H	
02186	LECT-DISC	C2	10	M	W	F	316S	M H	

AG EC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION S: COMMODITY FUTURES TRADING; THEORY AND PRACTICE; 3 HOURS.

02193	LECT-DISC	S	2-4	TU TH	313	M H	HIERONYMUS

COURSES FOR ADVANCED UNDERGRADUATES

AG EC 200 PROBLEMS IN AGRICULTURAL ECONOMICS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS.
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
*SECTION A: AGRICULTURAL MARKETING AND PRICES.
*SECTION B: STATISTICAL ANALYSIS.
*SECTION C: FARM MANAGEMENT AND LAND ECONOMICS.
*SECTION D: RURAL ORGANIZATION.
SECTION E: AGRICULTURAL LAW.
SECTION F: AGRICULTURAL POLICY AND ECONOMIC DEVELOPMENT.
SECTION G: AGRICULTURAL FINANCE.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

02211	CONF	*A	ARR
02229	CONF	*B	ARR
02236	CONF	*C	ARR
02243	CONF	*D	ARR
02251	CONF	E	ARR
02268	CONF	F	ARR
02275	CONF	G	ARR
02204	CONF	*&B	ARR

AG EC 203 FARM TAXATION.
2 HOURS.

02282	LECT-DISC	M	9	TU TH	144	BEV HALL	BOCK
02290	LECT-DISC	P	11	TU TH	242	BEV HALL	KRAUSZ

AG EC 220 FARM MANAGEMENT.
PREREQUISITE: AG. EC. 100 OR ECON. 108.
FIELD TRIPS, ESTIMATED EXPENSE, $3.
3 HOURS.

02301	LECT-DISC	A	8	M W F	316S	M H	
02318	LECT-DISC	B	9	M W F	316N	M H	
02325	LECT-DISC	C	10	M W F	313	M H	
02332	LECT-DISC	D	11	M W F	320	M H	

AG EC 230 MARKETING OF AGRICULTURAL PRODUCTS.
FIELD TRIP, ESTIMATED EXPENSE, $3.
3 HOURS.

02340	LECT-DISC	E	1	M W F	313	M H	ROUSH
02357	LECT-DISC	F	2	M W F	313	M H	ROUSH
02364	LECT-DISC	G	3	M W F	313	M H	ROUSH

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG EC 301 ECONOMICS OF AGRICULTURAL DEVELOPMENT.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 3/4 OR 1 UNIT.

02371	LECT-DISC	A	8	M W F	442	M H	THOMPSON & DUE

AG EC 302 FINANCING AGRICULTURE.
PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS, OR 3/4 OR 1 UNIT.

02389	LECT-DISC	B	9	M W F	320	M H	
02396	LECT-DISC	C	10	M W F	320	M H	

AG EC 303 AGRICULTURAL LAW.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

02407	LECT-DISC	D	11	M W F	W115	T H	KRAUSZ
02414	LECT-DISC	F	2	M W F	242	BEV HALL	BOCK

AG EC 305 AGRICULTURAL POLICIES AND PROGRAMS.
PREREQUISITE: ECON. 108.
FIELD TRIP, COST, $10.00.
3 HOURS, OR 3/4 OR 1 UNIT.

02421	LECT-DISC	L	830-10	TU TH	316N	M H	SPITZE

AG EC 318 LAND ECONOMICS.
PREREQUISITE: FOR UNDERGRADUATES, ECON. 103 OR 108; FOR GRADUATES, CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

02439	LECT-DISC	F	2	M W F	316N	M H	DOVRING

AG EC 324 FARM OPERATION.
PREREQUISITE: AG. EC. 220.
FIELD TRIPS, ESTIMATED EXPENSE, $5.
3 HOURS, OR 3/4 OR 1 UNIT.

02446	LECT-DISC	P	11	TU	W115	T H	VANARSDALL
		P	10-12	TH	W115	T H	VANARSDALL

AG EC 325 ADVANCED FARM MANAGEMENT.
PREREQUISITE: AG. EC. 220.
3 HOURS, OR 3/4 OR 1 UNIT.

02453	LECT-DISC	D	11	M W F	313	M H	MUELLER
02461	LECT-DISC	F	2	M W F	320	M H	MUELLER

AG EC 331 GRAIN MARKETING.
PREREQUISITE: AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.
FIELD TRIPS, ESTIMATED EXPENSE, $10.
3 HOURS, OR 3/4 OR 1 UNIT.

02478	LECT-DISC	L	8-10	TU TH	313	M H	

AG EC 334 MARKETING OF DAIRY PRODUCTS.
SAME AS D. S. 334.
PREREQUISITE: AG. EC. 230, OR AN ELEMENTARY MARKETING COURSE OR TWELVE HOURS OF DAIRY SCIENCE OR DAIRY TECHNOLOGY.
INSPECTION TRIP, ESTIMATED EXPENSE, $5.
3 HOURS, OR 3/4 OR 1 UNIT.

02485	LECT-DISC		10	M W F	316N M H	GRUEBELE

AG EC 341 AGRICULTURAL ECONOMIC STATISTICS.
PREREQUISITE: MATH. 111 OR 112 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

02492	LECT-DISC	B	9	M W F	313 M H

AG EC 352 ECONOMIC DEVELOPMENT IN LATIN AMERICA.
SAME AS ECON. 352.
PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

02503	LECT-DISC	B	9	M W F	130 COM W

AG EC 370 FAMILY ECONOMICS.
SAME AS H. EC. 370.
PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

02511	LECT	A	3-430	TU TH	242 BEV HALL
02528	LECT	*&B	3-430	TU TH	242 BEV HALL

COURSES FOR GRADUATES

AG EC 405 ECONOMIC POLICIES AND PROGRAMS AFFECTING AGRICULTURE.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK OR CONSENT OF INSTRUCTOR.
1 UNIT.

02535	LECT-DISC	N	10-1130	TU TH	312 D K H	HALCROW

AG EC 406 RESEARCH METHODOLOGY IN AGRICULTURAL ECONOMICS.
PREREQUISITE: ECON. 400 OR 401, OR A COURSE OF COMPARABLE LEVEL IN THE BASIC FIELD RELATED TO THE STUDENTS RESEARCH.
1 UNIT.

02542	LECT-DISC	S	130-3	TU TH	316S M H	BAKER

AG EC 425 FARM MANAGEMENT PRINCIPLES.
FIELD TRIP, ESTIMATED EXPENSE, $8.
1 UNIT.

02550	LECT-DISC	N	10-12	TU TH	320 M H

AG EC 441 AGRICULTURAL STATISTICS.
PREREQUISITE: AN ELEMENTARY COURSE IN STATISTICS.
1 UNIT.

02567	LECT-DISC	D	11	M W F	316S M H

AG EC 491 SEMINAR AND SPECIAL TOPICS.
ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE.
0 TO 2 UNITS.
*SECTION A IS FOR STUDENTS NOT ENROLLED FOR CREDIT.
*SECTION B IS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.
*SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION.

02574	LECT-DISC	*A	ARR
02581	CONF	*B	ARR
02599	LECT-DISC	*C	ARR

AG EC 499 THESIS RESEARCH.
0 TO 4 UNITS.

02600	CONF	A

AGRICULTURAL ENGINEERING
INCLUDING AGRICULTURAL MECHANIZATION

DEPARTMENT OFFICE 245 AGR ENG

COURSES FOR UNDERGRADUATES

AG E 126 ENGINEERING IN AGRICULTURE, I.
PREREQUISITE: MATH. 120; AND CREDIT OR REGISTRATION IN PHYCS. 106.
3 HOURS.

02617	LECT		8	TU TH	240	AGR ENG	HALL
02624	LAB	1	1-3	TU	221	AGR ENG	
02631	LAB	2	3-5	TU	132	AGR ENG	
02649	LAB	3	3-5	TH	132	AGR ENG	

COURSES FOR ADVANCED UNDERGRADUATES

AG E 277 DESIGN OF CONCRETE AND STEEL STRUCTURES FOR AGRICULTURE.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 261.
3 HOURS.

02656	LECT		2	M W	218	AGR ENG	CURTIS
	LAB		1-3	F	218	AGR ENG	

AG E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

02663	CONF		ARR				STAFF

AG E 299 UNDERGRADUATE THESIS.
PREREQUISITE: AG. E. 298 AND SENIOR STANDING IN ENGINEERING.
2 TO 4 HOURS.

02671	CONF	A	ARR				STAFF
02688	CONF	&B	ARR				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG E 311 INSTRUMENTATION AND MEASUREMENTS.
SAME AS M. E. 311.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.
3 OR 4 HOURS, OR 3/4 OR 1 UNIT.

02695	LECT		9	M W F	132	AGR ENG	HOAG
02706	LAB	1	3-5	TH	121	AGR ENG	
02713	LAB	2	8-10	TH	121	AGR ENG	

AG E 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

02721	LAB-DISC	1	1-3	TU	W223	T H
	LECT		9	TU TH	120	ARCH
02738	LAB-DISC	2	3-5	TU	W223	T H
	LECT		9	TU TH	120	ARCH
02745	LAB-DISC	3	1-3	W	W223	T H
	LECT		9	TU TH	120	ARCH
02752	LAB-DISC	4	3-5	W	W223	T H
	LECT		9	TU TH	120	ARCH

AG E 346 TRACTORS AND PRIME MOVERS.
PREREQUISITE: M. E. 209.
3 HOURS OR 3/4 UNIT.

02760	LECT-DISC		10	TU TH	218	AGR ENG	WEBER
	LAB		3-5	W	132	AGR ENG	

AG E 357 LAND DRAINAGE.
PREREQUISITE: T. A. M. 235.
3 HOURS OR 3/4 UNIT.

02777	LECT-DISC		11	W F	218	AGR ENG	JONES
	LAB		2-5	TU	209	AGR ENG	

AG E 396 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
*SECTION E TOPIC: ENGINEERING IN AGRICULTURAL ECOLOGICAL SYSTEMS.
3 HOURS OR 3/4 UNIT.

02784	CONF	A	ARR							LANHAM & STAFF
02791	LECT	*E	3	M		F	218	AGR ENG		DAY
	LAB	*E	1-3		W		209	AGR ENG		DAY

COURSES FOR GRADUATES

AG E 400 RESEARCH ORIENTATION.

02802	LECT-DISC		2		TH	240	AGR ENG	GRADUATE STAFF

AG E 496 PROBLEMS IN AGRICULTURAL ENGINEERING.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1 UNIT.

02810	CONF		ARR	GRADUATE STAFF

AG E 499 THESIS RESEARCH.
0 TO 4 UNITS.

02827	CONF	A	ARR	STAFF
02834	CONF	J	ARR	JONES
02841	CONF	S2	ARR	SHOVE
02859	CONF	W	ARR	WEBER
02866	CONF	Y	ARR	YOERGER

AGRICULTURAL MECHANIZATION
DEPARTMENT OF AGRICULTURAL ENGINEERING

COURSES FOR UNDERGRADUATES

AG M 100 ENGINEERING APPLICATIONS IN AGRICULTURE.
PREREQUISITE: MATH. 111, 112, 104 OR EQUIVALENT.
3 HOURS.

02873	LECT		10	M		F	240	AGR ENG	RODDA
02881	LAB-DISC	1	3-5	M			132	AGR ENG	
02898	LAB-DISC	2	8-10		TU		132	AGR ENG	
02909	LAB-DISC	3	1-3		TU		132	AGR ENG	
02916	LAB-DISC	4	10-12		W		132	AGR ENG	

AG M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

02923	CONF		ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

AG M 200 AGRICULTURAL MECHANICS SHOP: CONSTRUCTION TECHNOLOGY.
PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR.
3 HOURS.
*10-WEEK COURSE FOR STUDENTS ENROLLED IN PRACTICE TEACHING ONLY.

02931	LAB	*1	1-3	MTU THF			VOC AGR SHOP		ESPENSCHIED

AG M 201 AGRICULTURAL MECHANICS SHOP: ELECTRICAL AND METAL WORK.
PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR.
3 HOURS.

02948	LECT		3			F	132	AGR ENG	ESPENSCHIED
	LAB		3-5	M	W		VOC AGR SHOP		

AG M 221 FARM POWER AND MACHINERY MANAGEMENT.
PREREQUISITE: AG. M. 100.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN AG. M. 112.
*4 HOURS.

02955	LECT-DISC		9	M W F	240	AGR ENG	BUTLER
02962	LAB	1	10-12	TH	132	AGR ENG	
02970	LAB	2	1-3	TH	132	AGR ENG	

AG M 272 FARM BUILDINGS.
PREREQUISITE: AG. M. 100 OR 200.
3 HOURS.

02987	LECT		10	M W	218	AGR ENG	CURTIS
	LAB		3-5	TU	221	AGR ENG	

AG M 281 FARMSTEAD MECHANIZATION.
PREREQUISITE: AG. M. 100 OR 201.
3 HOURS.
STUDENT MUST ENROLL IN LECTURE AND ONE LAB.

02994	LECT		10	TU TH	240	AGR ENG	HALL
03007	LAB	1	1-3	TH	221	AGR ENG	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AG M 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; SENIOR STANDING; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

03014	CONF	A	ARR				STAFF
03021	CONF	*&B	ARR				

AG M 331 FARM MACHINERY TECHNOLOGY.
PREREQUISITE: AG. M. 221.
FIELD TRIP, ESTIMATED EXPENSE, $15.00.
4 HOURS OR 1 UNIT.

03039	LECT-DISC		11	M W F	240	AGR ENG	HUNT
	LAB		8-10	TH	132	AGR ENG	

AGRICULTURE

COURSES FOR UNDERGRADUATES

AGR 100 AGRICULTURE IN MODERN SOCIETY.
REQUIRED OF ALL FRESHMEN IN AGRICULTURE.
1 HOUR.

03046	LECT-DISC		1	TU	141	COM W	GARDNER

AGR 114 AGRICULTURAL JOURNALISM.
SAME AS JOURN. 114.
3 HOURS.

03053	LECT-DISC		10	TU TH	313	M H	EVANS
03061	LAB	1	1	TH	442	M H	
03078	LAB	2	2	TH	442	M H	
03085	LAB	3	3	TH	442	M H	

AGR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTIONS A & B TOPIC: FUNCTIONAL COMMUNICATIONS. 1 OR 2 HOURS.

03142	CONF	A	9	TU TH	316S	M H
03092	CONF	A1	9	TU TH	442	M H
03150	CONF	B	10	TU TH	442	M H
03103	CONF	C	3	M W	316N	M H
03111	CONF	C1	3	M W	316S	M H
03128	CONF	D	4	TU TH	316N	M H
03135	CONF	D1	4	TU TH	316S	M H

COURSES FOR ADVANCED UNDERGRADUATES

AGR 206 COOPERATIVE EXTENSION WORK.
PREREQUISITE: AGR. 114 AND A COURSE IN SOCIOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS.

03167	LECT-DISC		10	TU TH	316S	M H
			11	TH	316S	M H

AGR 280 AGRICULTURE JUNIOR-SENIOR SEMINAR.
1 HOUR.

03174	LECT-DISC		4	TH	W109	T H	WESSELS

AGRONOMY

DEPARTMENT OFFICE W201 T H

COURSES FOR UNDERGRADUATES

AGRON 101 INTRODUCTORY SOILS.
PREREQUISITE: CHEM. 101, 111, OR FORMER 102; CREDIT OR REGISTRATION IN GEOL. 105.
4 HOURS.

03181	LAB	1	1-4	TU	W 1	T H	HASSETT
	LECT		10	M W F	W109	T H	
03199	LAB	2	1-4	W	W 1	T H	
	LECT		10	M W F	W109	T H	
03200	LAB	3	1-4	TH	W 1	T H	
	LECT		10	M W F	W109	T H	
03217	LAB	4	1-4	F	W 1	T H	
	LECT		10	M W F	W109	T H	
03224	LAB	5	2-5	TU	W 1	T H	
	LECT		10	M W F	W109	T H	
03231	LAB	6	2-5	W	W 1	T H	
	LECT		10	M W F	W109	T H	
03249	LAB	7	2-5	TH	W 1	T H	
	LECT		10	M W F	W109	T H	
03256	LAB	8	2-5	F	W 1	T H	
	LECT		10	M W F	W109	T H	

AGRON 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., D. S., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.
*FOR VETERINARY MEDICINE STUDENTS ONLY.

03263	LAB	1	1-3	TU	W 13	T H	D.E. ALEXANDER
	LECT		2	M W	W109	T H	AND OTHERS
03271	LAB	2	3-5	TU	W 13	T H	
	LECT		2	M W	W109	T H	
03288	LAB	3	1-3	TH	W 13	T H	
	LECT		2	M W	W109	T H	
03295	LAB	4	*3-5	M	W 13	T H	
	LECT		*2	M W	W109	T H	
03306	LAB	5	*2-4	F	W 13	T H	
	LECT		*2	M W	W109	T H	

AGRON 121 PRINCIPLES OF FIELD CROP SCIENCE.
4 HOURS.
INDEPENDENT STUDY IN LEARNING CENTER (W 25 T. H.) FOR TWO HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT.

03313	LAB	1	10-12	TU	W 13	T H	BURGER
	LECT		8	M W F	W109	T H	
03321	LAB	2	1-3	W	W 13	T H	
	LECT		8	M W F	W109	T H	
03338	LAB	3	3-5	W	W 13	T H	
	LECT		8	M W F	W109	T H	
03345	LAB	4	10-12	TH	W 13	T H	
	LECT		8	M W F	W109	T H	

AGRON 121 CONTINUED

03352	LAB	5	10-12	M	W 13	T H	BURGER
	LECT		8	M W F	W109	T H	
03360	LAB	6	1-3	M	W 13	T H	
	LECT		8	M W F	W109	T H	
03377	LAB	7	8-10	TU	W 13	T H	
	LECT		8	M W F	W109	T H	
03384	LAB	8	9-11	F	W 13	T H	
	LECT		8	M W F	W109	T H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AGRON 300 ADVANCED SPECIAL PROBLEMS.
PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY.
*1 TO 5 HOURS, OR 1/2 TO 2 UNITS.
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

03391	LAB-DISC	A	ARR				STAFF
03402	LAB-DISC	&B	ARR				STAFF

AGRON 303 SOIL FERTILITY AND FERTILIZERS.
PREREQUISITE: AGRON. 101.
3 HOURS OR 3/4 UNIT.

03410	LECT-DISC		9	M W F	W109	T H	WELCH

AGRON 305 BIOCHEMICAL PROCESSES IN SOIL AND WATER ENVIRONMENTS.
PREREQUISITE: MCBIO. 100 AND CHEM. 102.
3 HOURS OR 3/4 UNIT.

03427	LECT-DISC		1-3	TU	N107	T H	STEVENSON
			1	TH	N107	T H	

AGRON 306 THE DYNAMICS OF SOIL DEVELOPMENT.
PREREQUISITE: AGRON. 101, CHEM. 102, OR CONSENT OF INSTRUCTOR.
TWO FIELD TRIPS WILL BE ARRANGED.
3 HOURS OR 3/4 UNIT.

03434	LECT-DISC		8	M W F	W223	T H	RUNGE

AGRON 319 ENVIRONMENT AND PLANT ECOSYSTEMS.
SAME AS FOR. 319.
PREREQUISITE: ONE COURSE IN BIOLOGY AND ONE COURSE IN ORGANIC CHEMISTRY OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
*FOR GRADUATE STUDENTS ONLY.

03441	DISC	1	2	M	W115	T H	KOEPPE-FISHER
	LECT		1	M W F	W109	T H	
03459	DISC	2	2	W	W121	T H	
	LECT		1	M W F	W109	T H	
03466	DISC	3	*2	F	W115	T H	
	LECT		*1	M W F	W109	T H	

AGRON 323 PRINCIPLES OF PLANT BREEDING.
SAME AS HORT. 323.
PREREQUISITE: BOT. 100, AGRON. 110 OR EQUIVALENT.
FIELD TRIP, ESTIMATED COST $5.00.
4 HOURS OR 1 UNIT.

03473	LECT-DISC		10	M W F	W115	T H	LAMBERT-MILLER
	LAB		1-3	TH	W121	T H	

AGRON 326 WEEDS AND THEIR CONTROL.
PREREQUISITE: AGRON. 121.
3 HOURS OR 3/4 UNIT.

03481	LECT-DISC		8-10	TU TH	W109	T H	WAX

AGRON 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

03498	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	120	ARCH	
03509	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	120	ARCH	
03516	LAB-DISC	3	1-3	W	W223	T H	
	LECT		9	TU TH	120	ARCH	
03523	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	120	ARCH	

AGRON 365 DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING.
SAME AS C. S. 365
PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN STATISTICS OR STATISTICAL METHODS, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

03531	LECT-DISC		11	M W F	W223	T H	CARMER

AGRON 377 DISEASES OF FIELD CROPS.
SAME AS PL. PA. 377.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

03548	LAB-DISC		8-10	TU TH	W121	T H	HOOKER

COURSES FOR GRADUATES

AGRON 400 SEMINAR.
REQUIRED OF ALL GRADUATE MAJORS IN AGRONOMY.
PREREQUISITE: GRADUATE STANDING.

03555	LAB-DISC	C	3	W	W115	T H	KOEPPE
03562	LAB-DISC	G	4	W	N107	T H	HADLEY
03570	LAB-DISC	S	4	TU	W109	T H	FEHRENBACHER
03587	LAB-DISC	PP	12	TH	113	D H	WILSON

AGRON 411 SOIL PHYSICS.
PREREQUISITE: ONE YEAR OF CALCULUS.
1 UNIT.

03594	LECT-DISC		10-12	TU TH	W223	T H	BOAST

AGRON 412 SOIL ORGANIC MATTER.
PREREQUISITE: AGRON. 309 OR CONSENT OF INSTRUCTOR.
1 UNIT.

03605	LECT		9	M W F	N107	T H	STEVENSON

AGRON 429 THE EVOLUTION OF AGRICULTURAL ECONOMIES.
SAME AS ANTH. AND GEOG. 429.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
TOPIC: AGRICULTURAL ORIGINS.

03612	LECT-DISC		ARR				LENG AND HYMOWITZ

AGRON 444 QUANTITATIVE ASPECTS OF PLANT BREEDING.
PREREQUISITE: AGRON. 323 OR EQUIVALENT; AGRON. 441 OR EQUIVALENT.
1 UNIT.

03620	LECT		8	M W F	N107	T H	DUDLEY

AGRON 462 ORIGIN OF VARIATION IN PLANTS.
SAME AS BOT. 462.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

03637	LECT		1-3	M F	W223	T H	DEWET

AGRON 493 ADVANCED STUDIES IN AGRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:
A--SOIL CHEMISTRY - ADVANCED LAB TECHNIQUES (1/2 OR 1 UNIT).
B--SOIL FERTILITY.
C--SOIL PHYSICS.
D--SOIL CLASSIFICATION AND PEDOLOGY.
E--SOIL MINERALOGY.
F--SOIL MICROBIOLOGY.
G--PLANT BREEDING AND GENETICS.
H--PLANT PHYSIOLOGY.
I--ADVANCED WEED CONTROL (1 UNIT.)
J--CROP MORPHOLOGY.
K--CROP PRODUCTION AND ECOLOGY.
L--STATISTICAL TECHNIQUES AND DATA PROCESSING-REGRESSION ANALYSIS (1/2 UNIT).

03683	CONF	A	1-4	M	W 1 T H			BRAIDS
	LAB	A	1-3	F	W121 T H			
03691	CONF	B	ARR					STAFF
03701	CONF	C	ARR					STAFF
03719	CONF	D	ARR					STAFF
03726	CONF	E	ARR					STAFF
03733	CONF	F	ARR					STAFF
03741	CONF	G	ARR					STAFF
03758	CONF	H	ARR					STAFF
03644	CONF	I	10	M W F	137F D H			SLIFE
03651	CONF	J	ARR					STAFF
03669	CONF	K	ARR					STAFF
03676	CONF	L	10	TU TH	N107 T H			WALKER

AGRON 499 THESIS RESEARCH.
0 TO 4 UNITS.
WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:
A-SOILS ALDRICH, BEAVERS, BRAIDS, FEHRENBACHER, GIESEKING, HINESLY, JONES, KURTZ, MELSTED, R. J. MILLER, MILLINGTON, ODELL, PETERS, RAY, RUNGE, RUSSELL STEVENSON, THORNE, TYNER, WALKER, WELCH.
B-CROPS ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER, DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN, HANSON, HARLAN, HILTIBRAN, HITTLE, HOOKER, HYMOWITZ, JACKOBS, JUGENHEIMER, KNAKE, LAMBERT, LAUGHNAN, LENG, MCGLAMERY, D. A. MILLER, OGREN, PATTERSON, RINNE, SCOTT, SEIF, SLIFE, WAX, WEBER, WEIBEL, WIDHOLM, WILSON AND WOOLLEY.

03765	CONF	A	ARR					STAFF
03772	CONF	B	ARR					STAFF

AIR FORCE AEROSPACE STUDIES

DEPARTMENT OFFICE 230 ARMORY

COURSES FOR UNDERGRADUATES

AFAS 100 CORPS TRAINING.
MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES.
PREREQUISITE: DETERMINED PHYSICALLY FIT BY THE UNIVERSITY, CITIZEN OF THE UNITED STATES.

03780	LAB	A	7PM	W	101	ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

AFAS 111 FRESHMAN THEORY COURSE: UNITED STATES MILITARY FORCES IN THE CONTEMPORARY WORLD, I.
PREREQUISITE: CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.
1 HOUR.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

03797	LECT-DISC	E	1	M	349	ARMORY
03808	LECT-DISC	F	2	M	349	ARMORY
03815	LECT-DISC	M	9	TU	349	ARMORY

AFAS 121 SOPHOMORE THEORY COURSE: UNITED STATES MILITARY FORCES IN THE CONTEMPORARY WORLD, II.
PREREQUISITE: AFAS 112 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.
1 HOUR.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

03822	LECT-DISC	R	1	W	349	ARMORY
03830	LECT-DISC	M	9	TH	349	ARMORY
03847	LECT-DISC	N	10	TH	349	ARMORY

COURSES FOR ADVANCED UNDERGRADUATES

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS. COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT PRIOR TO THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE R.O.T.C. COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK.
GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 231 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER, I.
PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.
3 HOURS.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

03854	LECT-DISC	B	9	M W F	222	ARMORY
03861	LECT-DISC	C	10	M W F	222	ARMORY

AFAS 241 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER, I.
PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES, APPROVAL OF APPLICATION FOR THE ADVANCED PROGRAM BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST AND A MILITARY PHYSICAL EXAMINATION.
3 HOURS.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

03879	LECT-DISC	B	9	M	W	F	325E	ARMORY
03886	LECT-DISC	C	10	M	W	F	325E	ARMORY
03893	LECT-DISC	D	11	M	W	F	325E	ARMORY

AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW, AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES, THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 255, 256, HIST. 151-152, AND EITHER ART 323 OR 324 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES MAY BE SUBSTITUTED PROVIDED THAT, TAKEN TOGETHER, THEY CONSTITUTE COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY, AMERICAN LITERATURE, AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX HOURS OF ADVANCED WORK IN HISTORY, CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286, 287, 316, 352, 353-354, 375-376, HIST. 352, 354, 355, 356, 357-358, 359, 360, 361-362, 363-364, 367-368, 369-370, 371-372, 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 315-316 ECON 236, ED. 302, GEOG. 223, POL. S. 150-151, 351, 381, 397, SPCH. 312; OR COURSES LISTED IN THE PRECEDING PARAGRAPHS, IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART, ENGLISH, HISTORY, PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS, SUCH AS, FOR EXAMPLE, A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS, ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES, AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER--CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR CLARK C. SPENCE, 433B GREGORY HALL.

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS MAJORING IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPEECH. A SPLIT MINOR IS NOT AUTHORIZED. NO COURSE COUNTED TOWARD THE STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

1. AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1) AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

ANIMAL SCIENCE

DEPARTMENT OFFICE 328 M H

COURSES FOR UNDERGRADUATES

AN S 100 INTRODUCTION TO ANIMAL SCIENCE.
3 HOURS.

03904	LECT		3	M	F	135	ASL	HARMON AND
03911	LAB	A	1-3	W		W115	T H	OTHERS
		A	1-3	W		STOCK	PAVILION	
03929	LAB	B	3-5	W		W109	T H	
		B	3-5	W		STOCK	PAVILION	
03936	LAB	C	3-5	TH		W115	T H	
		C	3-5	TH		STOCK	PAVILION	

AN S 104 SELECTION AND USE OF MEAT.
FIELD TRIPS, ESTIMATED COST $10.
2 HOURS.

03943	LECT		1	TU		152	C A	SCHMIDT
	LAB		1-3	TH		152	C A	

AN S 110 PLANT AND ANIMAL GENETICS.
SAME AS AGRON., D. S., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.
*FOR VETERINARY MEDICINE STUDENTS ONLY.

03951	LAB	1	1-3	TU		W 13	T H	ALEXANDER AND
	LECT		2	M W		W109	T H	OTHERS
03968	LAB	2	3-5	TU		W 13	T H	
	LECT		2	M W		W109	T H	
03975	LAB	3	1-3	TH		W 13	T H	
	LECT		2	M W		W109	T H	
03982	LAB	4	*3-5	M		W 13	T H	
	LECT		*2	M W		W109	T H	
03990	LAB	5	*2-4		F	W 13	T H	
	LECT		*2	M W		W109	T H	

AN S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04002	CONF		ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

AN S 200 SPECIAL PROBLEMS.
PREREQUISITE: MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEMS COURSE.
1 TO 5 HOURS.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

04010	LAB	A	ARR	STAFF
04027	LAB	*&B	ARR	

AN S 205 MEAT SELECTION AND CLASSIFICATION.
PREREQUISITE: AN. S. 103.
FIELD TRIP, ESTIMATED COST $20.
2 HOURS.

04034	LAB	A	3-5	M W F	152	C A			ROMANS AND
		A	3-5	M W F	STOCK	PAVILION			HANKES
		A	8-12	S	152	C A			
		A	8-12	S	STOCK	PAVILION			

AN S 206 HORSE PRODUCTION.
PREREQUISITE: AN. S. 220 OR 221 OR EQUIVALENT.
3 HOURS.

04041	LECT-DISC	1	TU TH	STOCK	PAVILION	ALBERT
		2	TU	STOCK	PAVILION	

AN S 212 ADVANCED LIVESTOCK EVALUATION.
PREREQUISITE: AN. S. 103 AND 211.
3 HOURS.

04059	LAB	3-5	MTUWTHF	STOCK	PAVILION	ALBERT
		8-12	S	STOCK	PAVILION	

AN S 221 ANIMAL NUTRITION.
SAME AS D. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, OR 133.
*CREDIT IS NOT GIVEN FOR BOTH AN. S. 221 AND 325.
*4 HOURS.

04066	LECT-DISC	10	TUWTHF	135	A S L	OWENS AND BAUMAN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AN S 301 BEEF PRODUCTION.
PREREQUISITE: AN. S. 221, OR EQUIVALENT.
3 HOURS, OR 1/2 OR 3/4 UNIT.

04073	LECT	1	M W F	135	A S L	NEUMANN

AN S 302 SHEEP PRODUCTION.
PREREQUISITE: AN. S. 221, OR EQUIVALENT.
*STUDENTS MAY REGISTER FOR 3 HOURS CREDIT WITHOUT LABORATORY OR FOR 4 HOURS CREDIT WITH LABORATORY, OR FOR 3/4 UNIT.
*3 OR 4 HOURS, OR 3/4 UNIT.

04081	LECT-DISC		11	M W F	N107	T H	GARRIGUS
04098	LAB	A	3-5	TU	STOCK	PAVILION	

AN S 303 PORK PRODUCTION.
PREREQUISITE: AN. S. 221, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

04109	LECT-DISC	8	M W F	313	M H	HARMON

AN S 304 POULTRY MANAGEMENT.
PREREQUISITE: AN. S. 221 OR 325 OR EQUIVALENT.
*3 HOURS CREDIT WITHOUT OR 4 HOURS CREDIT WITH INDIVIDUAL STUDY AND CONFERENCE.
*3 OR 4 HOURS, OR 3/4 UNIT.

04116	LECT-DISC		9	M W F	316S	M H	BRAY
04123	CONF	A	ARR		POULTRY	FARM	

AN S 330 REPRODUCTION AND ARTIFICIAL INSEMINATION OF FARM ANIMALS.
SAME AS D.S. 330.
PREREQUISITE: ZOOL. 104 AND EITHER D. S. 100 OR AN. S. 100.
3 HOURS OR 3/4 UNIT.

04131	LECT		1	TU TH	W109	T H	LODGE AND
04148	LAB	A	2-4	TU	414	A S L	GRAVES
04155	LAB	B	2-4	TH	414	A S L	
04162	LAB	C	10-12	TU	414	A S L	

AN S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

04170	LAB-DISC	1	1-3	TU	W223	T H	SIEF
	LECT		9	TU TH	120	ARCH	
04187	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	120	ARCH	
04194	LAB-DISC	3	1-3	W	W223	T H	
	LECT		9	TU TH	120	ARCH	
04205	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	120	ARCH	

AN S 346 ETHOLOGY.
SAME AS ANTH. AND ZOOL. 346.
PREREQUISITE: ONE YEAR OF COURSES IN ZOOLOGY, PHYSIOLOGY, PSYCHOLOGY; OR BIOLOGICAL ANTHROPOLOGY.
3 HOURS OR 3/4 UNIT.

04212	LECT		9	M W F	202	H H	BANKS
04220	LAB	A	11	TU TH	346	N H B	

COURSES FOR GRADUATES

AN S 400 PRESENTATION OF EXPERIMENTAL RESULTS.
1/4 UNIT.

04237	LECT-DISC	4	TH	104	AN GEN	DZIUK

AN S 401 ANIMAL BIONOMICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

04244	LECT-DISC	ARR		121	A S L	CURTIS

AN S 404 CONCEPTS IN NONRUMINANT NUTRITION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

04251	LECT-DISC	10	TU TH	316N	M H	BAKER

AN S 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
SAME AS ZOOL. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS.
*1/2 TO 1 UNIT.

04269	LAB	ARR				NALBANDOV AND DZIUK

AN S 409 MUSCLE BIOLOGY.
PREREQUISITE: BIOCH. 350 AND 355.
1/2 UNIT.

04276	LECT-DISC	8	TU TH	121	A S L	

AN S 410 RESEARCH METHODS IN ANIMAL SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 1 UNIT.
*1/4 TO 1 UNIT.

04283	CONF	ARR				GRADUATE STAFF

AN S 412 ADVANCED ENDOCRINOLOGY.
SAME AS D. S., PHYSL., AND ZOOL. 412
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC--TO BE ANNOUNCED.

04291	DISC	730-10PM	M	140	BUR HALL	NALBANDOV GORSKI, FOSTER AND JACKSON

AN S 415 ADVANCED ANIMAL GENETICS.
SAME AS D. S. 415.
PREREQUISITE: AN. S. 305 OR EQUIVALENT.
1 UNIT.

04301	LECT-DISC	9	M W F	104	AN GEN	GROSSMAN

AN S 421 TOPICS IN NUTRITIONAL BIOCHEMISTRY.
PREREQUISITE: AN. S. 420.
1 UNIT.

04319	LECT	11	MTUWTH	121 A S L		LEVEILLE

AN S 499 THESIS RESEARCH.
0 TO 4 UNITS.

04326	DISC	ARR				GRADUATE STAFF

ANTHROPOLOGY

DEPARTMENT OFFICE 109 D H

"MAJOR: TWENTY-EIGHT HOURS IN ANTHROPOLOGY INCLUDING EITHER 101 OR THE 102-103 SEQUENCE, BUT NOT BOTH. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE IN EACH OF THE PRINCIPAL SUB-FIELDS OF GENERAL ANTHROPOLOGY: SOCIAL ANTHROPOLOGY, APPLIED ANTHROPOLOGY, ARCHAEOLOGY, BIOLOGICAL ANTHROPOLOGY, AND LINGUISTIC ANTHROPOLOGY. IN VIEW OF GRADUATE SCHOOL ENTRANCE REQUIREMENTS, STUDENTS WHO CONTEMPLATE SEEKING AN ADVANCED DEGREE IN ANTHROPOLOGY HERE OR ELSEWHERE SHOULD TAKE 174, 220, 230, 240, AND 300."

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ART, BIOCHEMISTRY, BIOLOGY, COMMUNICATIONS, COMPUTER SCIENCE, CLASSICS, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, MUSIC, PHILOSOPHY, PHYSIOLOGY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, OR ZOOLOGY. STUDENTS MAY ALSO ELECT INTERDISCIPLINARY TOPICAL OR INTERDEPARTMENTAL MINORS IN AREA STUDIES, GENETICS, HUMAN ECOLOGY, LANGUAGES, OR RELIGIOUS STUDIES. IN CIRCUMSTANCES WHERE A STUDENT'S PLANS MAKE OTHER FIELDS OF STUDY PARTICULARLY APPROPRIATE, HE MAY PETITION THE HEAD OF THE DEPARTMENT FOR APPROVAL OF A SPECIAL MINOR.

COURSES FOR UNDERGRADUATES

ANTH 101 CONCEPTS IN GENERAL ANTHROPOLOGY.
*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103.
*4 HOURS.

04333	LECT		9	M W F	213 G H		ROSS
04341	QUIZ	A	9	TU	313 D H		
04358	QUIZ	B	12	TU	312 D H		
04365	QUIZ	C	9	TH	313 D H		
04372	QUIZ	D	10	TU	312 D H		

ANTH 102 INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE.
*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.
*4 HOURS.
SECTIONS &G AND &N ARE HONORS SECTIONS OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04380	LECT		2	M W F	100 N L		GROVE
04397	QUIZ	A	8	TU	109A D H		
04408	QUIZ	B	8	TU	313 D H		
04415	QUIZ	C	8	TU	312 D H		
04422	QUIZ	D	8	TU	209A D H		
04430	QUIZ	E	8	M	209A D H		
04447	QUIZ	F	8	W	209A D H		
04551	QUIZ	&G	11	TU	313 D H		
04454	QUIZ	H	8	F	209A D H		
04461	QUIZ	I	11	TH	312 D H		
04479	QUIZ	J	11	TU	312 D H		
04486	QUIZ	K	2	TH	313 D H		
04493	QUIZ	L	9	TU	312 D H		
04504	QUIZ	M	8	TH	313 D H		
04568	QUIZ	&N	1	TH	313 D H		
04511	QUIZ	O	10	TH	313 D H		
04529	QUIZ	P	8	TH	109A D H		
04536	QUIZ	Q	12	TU	109A D H		
04543	QUIZ	R	12	TH	109A D H		

ANTH 103 INTRODUCTION TO CULTURAL ANTHROPOLOGY.
*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.
*4 HOURS.
SECTIONS G AND N ARE HONORS SECTIONS OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

04575	LECT		10	M W F	114	D K H	BRUKMAN
04582	QUIZ	A	8	TU	405	M H	
04590	QUIZ	B	8	TH	209A	D H	
04601	QUIZ	C	10	TU	313	D H	
04618	QUIZ	D	9	TH	312	D H	
04625	QUIZ	E	12	TU	209A	D H	
04632	QUIZ	F	12	TH	313	D H	
04707	QUIZ	&G	11	TH	313	D H	
04640	QUIZ	H	12	TH	312	D H	
04657	QUIZ	I	2	TU	405	M H	
04664	QUIZ	J	12	TU	313	D H	
04671	QUIZ	K	9	TU	405	M H	
04689	QUIZ	L	10	TH	312	D H	
04696	QUIZ	M	9	TH	405	M H	
04714	QUIZ	&N	10	TH	405	M H	

ANTH 168 INDIAN CIVILIZATION AND SOCIETY.
SAME AS HIST. 168.
3 HOURS.

04721	LECT-DISC		2	M W F	135	A S L	GOULD & KLING

ANTH 173 CULTURAL DIVERSITY.
3 HOURS.

04739	LECT-DISC		1030-12	TU TH	112	C A	PLATH

ANTH 174 AMERICAN COMMUNITIES AND THEIR PROBLEMS.
4 HOURS.

04746	LECT		9-10	TU TH	213	G H	SHIMKIN
04753	QUIZ	A	3-5	M	170	L H	
04761	QUIZ	B	3-5	TU	140	L H	
04778	QUIZ	C	3-5	W	262	L H	
04785	QUIZ	D	3-5	TH	140	L H	
04792	QUIZ	E	3-5	F	108	L H	
04803	QUIZ	F	1-3	M	405	M H	
04811	QUIZ	G	1-3	TH	405	M H	
04828	QUIZ	H	1-3	W	405	M H	
04835	QUIZ	I	1-3	F	405	M H	
04842	QUIZ	J	3-5	M	310	L H	
04850	QUIZ	K	3-5	TU	116	L H	

ANTH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION E TOPIC: ANTHROPOLOGY AND PHOTOGRAPHY.

04867	CONF	E	730-930PM	TU	209A	D H	BRUNER

COURSES FOR ADVANCED UNDERGRADUATES

ANTH 220 INTRODUCTION TO PREHISTORY.
PREREQUISITE: ANTH. 102 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04874	LECT		11	M W	213	G H	LATHRAP
04881	LAB	A	11	F	109A	D H	
04899	LAB	B	12	F	109A	D H	
04900	LAB	C	4	M	109A	D H	

ANTH 230 INTRODUCTION TO SOCIAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
3 HOURS.

04917	LECT		2	M W	196	L H	ROSS
04924	LAB-DISC	A	2	F	109A	D H	
04931	LAB-DISC	B	3	F	109A	D H	
04949	LAB-DISC	C	1	W	209A	D H	

ANTH 260 PEOPLES OF THE WORLD: INTRODUCTION TO ETHNOGRAPHY.
PREREQUISITE: ANTH. 101, 102, OR 103, OR CONSENT OF INSTRUCTOR.
3 HOURS.

04956	LECT-DISC		1-230	TU TH	238	ADMIN	BUTTERWORTH

ANTH 280 ANTHROPOLOGICAL THEORY IN CONTEMPORARY PERSPECTIVE.
PREREQUISITE: A MAJOR IN ANTHROPOLOGY OR CONSENT OF THE INSTRUCTOR.
3 HOURS.

04963	LECT-DISC	3	M W F	140	BUR HALL	SCHILDKROUT

ANTH 290 HONORS COURSE.
MAY NOT BE TAKEN CONCURRENTLY WITH ANTH. 289.
PREREQUISITE: SENIOR STANDING, 4.2 AVERAGE IN ANTHROPOLOGY, AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

04971	CONF	A	ARR

ANTH 291 HONORS THESIS.
MAY NOT BE TAKEN CONCURRENTLY WITH ANTH. 289.
PREREQUISITE: SENIOR STANDING, 4.2 AVERAGE IN ANTHROPOLOGY, AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

04988	CONF	A	ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ANTH 300 INTRODUCTION TO LINGUISTICS.
SAME AS LING. 300.
PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.
*SECTION C IS RESERVED FOR MAJORS IN LINGUISTICS.

04995	LECT-DISC	A	9	M W F	160	M E B	
05008	LECT-DISC	B	3	M W F	160	M E B	
05015	LECT-DISC	*C	1	M W F	160	M E B	

ANTH 307 INTRODUCTION TO MATHEMATICAL LINGUISTICS.
SAME AS LING. 307.
PREREQUISITE: ANTH. OR LING. 300.
3 HOURS OR 1 UNIT.

05022	LECT-DISC	1030-12	TU TH	143B	M E B

ANTH 315 AREA STUDIES IN ETHNOMUSICOLOGY.
SAME AS MUSIC 317.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 12 HOURS OR 2 UNITS
*3 HOURS OR 1/2 UNIT.
SECTION A TOPIC: EUROPEAN FOLK MUSIC.
SECTION B TOPIC: URBAN POPULAR MUSIC.

05030	LECT-DISC	A	10	M W F	201	H A	NETTL
05047	LECT-DISC	B	2-4	F	201	H A	HAMM, NETTL, BEHAGUE

ANTH 320 POLITICAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05054	LECT-DISC	1	M W F	205	H H	CRISSMAN

ANTH 330 PROCESSES OF CULTURE CHANGE.
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05061	LECT-DISC	1030-12	TU TH	192	L H	BRUNER

ANTH 332 NATIVE CULTURES OF SOUTH AMERICA (NON-ANDEAN).
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05079	LECT-DISC	11	M W F	209A	D H	WHITTEN

ANTH 340 HUMAN EVOLUTION, I.
PREREQUISITE: ANTH. 240, OR AN INTRODUCTORY ZOOLOGY COURSE, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05086	LAB-DISC	10	M W F	209A	D H	GILES

ANTH 343 INTRODUCTION TO PRIMATE MORPHOLOGY AND BEHAVIOR.
SAME AS ZOOL. 344.
PREREQUISITE: ANTH. 240, OR ANTH. OR ZOOL. 246, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05093	LAB-DISC		3	M W F	209A D H	KLEIN

ANTH 346 ETHOLOGY.
SAME AS AN. S. AND ZOOL. 346.
PREREQUISITE: ONE YEAR OF COURSES IN ZOOLOGY, PHYSIOLOGY, PSYCHOLOGY, OR BIOLOGICAL ANTHROPOLOGY.
3 HOURS OR 3/4 UNIT.

05104	LECT		9	M W F	202 H H
05111	LAB	A	8-11	TU TH	346 N H B

ANTH 348 PREHISTORY OF AFRICA.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05129	LAB-DISC		9-1030	TU TH	209A D H	KELLER

ANTH 349 SOUTH AMERICAN CULTURE HISTORY, I.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05136	LAB-DISC		9	M W F	109A D H	LATHRAP

ANTH 352 MESOAMERICAN CULTURE HISTORY.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05143	LAB-DISC		1	M W F	109A D H	GROVE

ANTH 353 SOUTHWESTERN ARCHAEOLOGY.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05151	LAB-DISC		10	M W F	109A D H	MCGREGOR

ANTH 357 MIDWESTERN PREHISTORY.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05168	LAB-DISC		4	M W F	209A D H	GIBBON

ANTH 359 PREHISTORY OF THE OLD WORLD: NEOLITHIC, BRONZE, AND IRON AGES.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05175	LAB-DISC		1-230	TU TH	113 D H	KELLER

ANTH 361 PEOPLES AND CULTURES OF MEXICO AND GUATEMALA.
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05182	LECT-DISC		1030-12	TU TH	209A D H	BUTTERWORTH

ANTH 365 ANALYSIS OF FIELD DATA IN CULTURAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 230 OR 260, SOME KNOWLEDGE OF THE LANGUAGE OF THE AREA CONCERNED, AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY RECEIVE CREDIT MORE THAN ONCE IF THE AREA OR PROBLEMS INVOLVED ARE DIFFERENT.
*3 HOURS OR 1 UNIT.

05190	LAB		9-1030	TU TH	109A D H	LEHMAN

ANTH 367 CULTURES OF AFRICA.
PREREQUISITE: ANTH. 230, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05201	LECT-DISC		1-230	TU TH	209A D H	SCHILDKROUT

ANTH 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., H.ED., PHYSL., PSYCH., SOC., V.M.S., AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

05218	LECT-DISC		11	M W F	112 C A

ANTH 373 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE.
SAME AS PSYCH. 373.
PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05225	LECT		3	M W F	32	PSYCH BLDG	

ANTH 387 PEOPLES AND CULTURES OF INSULAR SOUTHEAST ASIA.
PREREQUISITE: ANTH. 220 OR 230, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05232	LECT-DISC		2	M W F	209A	D H	CUNNINGHAM

COURSES FOR GRADUATES

ANTH 409 FIELD METHODS IN LINGUISTICS.
SAME AS LING. 409.
PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

05240	LECT-DISC	A	*11	M W F	374	L H	

ANTH 440 PROBLEMS IN PHYSICAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 340, 341, OR 343; CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ADDITIONAL CREDIT.
*1 UNIT.

05257	LAB-DISC		1-3	TH	109A	D H	GILES

ANTH 443 PROBLEMS IN PRIMATE BEHAVIOR AND ECOLOGY.
SAME AS ZOOL. 443.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ADDITIONAL CREDIT.
*1 UNIT.

05264	LAB-DISC		ARR				KLEIN

ANTH 450 SEMINAR IN ANTHROPOLOGY.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.
*SECTION B: TO BE ANNOUNCED.
*SECTION E: ANTHROPOLOGY AND PHOTOGRAPHY.
*SECTION L: ADULT SOCIALIZATION.
*SECTION M: AFRO-AMERICAN ANTHROPOLOGY.
*SECTION R: VILLAGE RELIGION IN THERAVADA BUDDHIST AND MUSLIM SOUTHEAST ASIA: ANTHROPOLOGICAL PERSPECTIVE.
SECTION S: TO BE ANNOUNCED.

05271	CONF	*B	ARR				SHIMKIN
05289	CONF	*E	ARR				BRUNER
05296	CONF	*L	1-3	TU	313	D H	PLATH
05307	CONF	*M	3-5	TU	209A	D H	WHITTEN
05314	CONF	*R	10-12	M	312	D H	CUNNINGHAM
05321	CONF	S	ARR				ZUIDEMA

ANTH 451 SOCIAL STRUCTURE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05339	CONF		1-330	TU	312	D H	MADAN

ANTH 452 RESEARCH PROBLEMS IN ARCHAEOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE ADDITIONAL CREDIT.
*1 UNIT.

05346	LAB-DISC		1-3	TH	312	D H	GIBBON

ANTH 453 THE FORMAL ANALYSIS OF KINSHIP SYSTEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

05353	LECT-DISC		2	M W F	312	D H	LEHMAN

ANTH 489 READINGS IN ANTHROPOLOGY.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY; CONSENT OF ADVISER.
1/2 OR 1 UNIT.

05361	CONF	A	ARR				STAFF

ANTH 490 INDIVIDUAL TOPICS IN ANTHROPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 4 UNITS.

05378	CONF	A	ARR	

ANTH 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

05385	CONF	*A	ARR	STAFF
05392	CONF	*B	ARR	STAFF

ARABIC

DEPARTMENT OFFICE 309H D H

COURSES FOR ADVANCED UNDERGRADUATES

ARAB 201 ELEMENTARY ARABIC, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT IS GIVEN TOWARD GRADUATION FOR ARAB. 201 WITHOUT ARAB. 202.
5 HOURS.

05403	LECT-DISC	11	M W F	1110	F L B	STAFF
		1	TU	1110	F L B	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARAB 307 INTRODUCTION TO ARABIC LITERATURE, I.
PREREQUISITE: ARAB. 304.
3 HOURS OR 1 UNIT.

05411	LECT-DISC	1	M W F	1110	F L B	STAFF

ARCHITECTURE

DEPARTMENT OFFICE 106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM, ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

COURSES FOR UNDERGRADUATES

ARCH 100 ARCHITECTURE LECTURES.
REQUIRED OF ALL FRESHMEN IN ARCHITECTURAL STUDIES.

05428	LECT	A	4	TU TH	141	COM W	STAFF

ARCH 171 BASIC DESIGN STUDIO, I.
PREREQUISITE: ARCH. 100 OR REGISTRATION IN ARCH. 100.
3 HOURS.
*SECTIONS A, B, C, D - ARCHITECTURE STUDENTS ONLY.
*SECTION R - URBAN PLANNING STUDENTS ONLY.
*SECTIONS S AND T - LANDSCAPE STUDENTS ONLY.
*SECTION X - APPROVED JUNIOR COLLEGE TRANSFER STUDENTS (TAKE ARCH. 172 SECTION X CONCURRENTLY).

05435	LAB	*A	8-10	MTUWTHF	206	F A B		STAFF
05442	LAB	*B	10-12	MTUWTHF	206	F A B		STAFF
05450	LAB	*C	1-3	MTUWTHF	206	F A B		STAFF
05467	LAB	*D	3-5	MTUWTHF	206	F A B		STAFF
05474	LAB	*R	1-3	MTUWTHF	206	F A B		STAFF
05481	LAB	*S	8-10	MTUWTHF	206	F A B		STAFF
05499	LAB	*T	10-12	MTUWTHF	206	F A B		STAFF
05500	LAB	*X	8-12	MTUWTHF	206	F A B		STAFF

ARCH 172 BASIC DESIGN STUDIO, II.
PREREQUISITE: ARCH. 171.
3 HOURS.
*SECTION X - APPROVED JUNIOR COLLEGE TRANSFER STUDENTS (TAKE ARCH. 171 SECTION X CONCURRENTLY).

05517	LAB	D	3-5	MTUWTHF	206	F A B		STAFF
05524	LAB	*X	8-12	MTUWTHF	206	F A B		STAFF

ARCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS,

05531	CONF	D	ARR					STAFF
05549	CONF	E	ARR					STAFF
05556	CONF	F	ARR					FOREIGN

COURSES FOR ADVANCED UNDERGRADUATES

ARCH 200 SENIOR HONORS IN ARCHITECTURE.
FOR CANDIDATES FOR HONORS IN ARCHITECTURE.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE, A UNIVERSITY GRADE-POINT AVERAGE OF 4.0 OR, IN SPECIAL CASES, APPROVAL BY THE HEAD OF THE DEPARTMENT.
*STUDENTS MAY ACCUMULATE 6 HOURS WITH APPROVAL OF HEAD OF DEPARTMENT.
*3 HOURS.

05563	CONF	&CU	ARR					STAFF
05571	CONF	&F	ARR					FOREIGN

ARCH 211 INTRODUCTION TO ANCIENT AND MEDIEVAL ARCHITECTURE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

05588	LECT	A	3	M W F	66	LIB		FOSS

ARCH 212 INTRODUCTION TO RENAISSANCE AND MODERN ARCHITECTURE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

05595	LECT	A	11	M W F	301	ARCH		CREESE

ARCH 220 INTRODUCTION TO ARCHITECTURAL THEORY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

05606	CONF	A	ARR					PLAUTZ & SAILE

ARCH 231 ARCHITECTURAL CONSTRUCTION, I.
4 HOURS.

05613	LECT	A	3-5	TU TH	66	LIB		LEWIS

ARCH 234 ARCHITECTURAL DESIGN, V.
PREREQUISITE: ARCH. 233.
3 HOURS.

05621	LAB	A	9-12	M W F	310	ARCH		STAFF
05638	LAB	B	9-12	TU TH S	310	ARCH		STAFF

ARCH 235 ARCHITECTURAL DESIGN, VI.
PREREQUISITE: ARCH. 234.
5 HOURS.

05645	LAB	A	1-4	MTUWTHF	200	ARCH		STAFF
05652	LAB	F	ARR					FOREIGN

ARCH 236 ARCHITECTURAL DESIGN, VII.
PREREQUISITE: ARCH. 235.
5 HOURS.

05660	LAB	A	1-4	MTUWTHF	200	ARCH	STAFF
05677	LAB	F	ARR				FOREIGN

ARCH 242 BUILDING CONSTRUCTION, IV.
PREREQUISITE: ARCH. 241.
2 HOURS.

05684	LECT	A	8	TU TH	302	ARCH	CLAYTON

ARCH 245 STRUCTURAL ELEMENTS.
PREREQUISITE: L. A. S. 141 OR PHYCS. 101; T. A. M. 172 OR 221.
3 HOURS.

05691	LECT-DISC	A	8	M W	100	ARCH	STAFF
	LAB	A	1-3	TU TH	100	ARCH	

ARCH 246 THEORY OF STRUCTURAL DESIGN.
PREREQUISITE: ARCH. 245.
3 HOURS.

05702	LECT-DISC	A	11	MTUWTH	120	ARCH	STAFF
	LAB	A	9-11	M W	100	ARCH	
05710	LECT-DISC	B	11	MTUWTH	120	ARCH	STAFF
	LAB	B	3-5	TU TH	100	ARCH	

ARCH 247 STRUCTURAL PLANNING.
PREREQUISITE: ARCH. 257.
3 HOURS.

05727	LECT	A	9	M W F	302	ARCH	STAFF
05734	LECT	B	11	M W F	302	ARCH	STAFF
05741	LECT	F	ARR				FOREIGN

ARCH 251 STATICS AND DYNAMICS.
PREREQUISITE: MATH. 130, 135; L. A. S. 141, 142.
4 HOURS.

05759	LECT	A	8-10	M W	120	ARCH	STAFF
05766	LECT	B	1-3	TU TH	120	ARCH	STAFF
05773	LAB	A	8-10	TU TH	100	ARCH	STAFF
05781	LAB	B	1-3	W F	100	ARCH	STAFF

ARCH 256 BUILDING SANITATION AND ARCHITECTURAL ACOUSTICS.
PREREQUISITE: JUNIOR STANDING IN ARCHITECTURE.
2 HOURS.

05798	LECT	A	4	M W	141	COM W	MOYER

ARCH 257 REINFORCED CONCRETE THEORY.
PREREQUISITE: ARCH. 246.
3 HOURS.

05809	LECT	A	8	M W F	302	ARCH	STAFF
05816	LECT	F	ARR				FOREIGN

ARCH 271 BASIC DESIGN STUDIO, III.
PREREQUISITE: ARCH. 172.
3 HOURS.

05823	LAB	A	8-10	MTUWTHF	206	F A B	STAFF
05831	LAB	B	10-12	MTUWTHF	206	F A B	STAFF
05848	LAB	C	1-3	MTUWTHF	206	F A B	STAFF

ARCH 283 ARCHITECTURAL PRACTICE.
PREREQUISITE: FIFTH YEAR STANDING IN ARCHITECTURE.
2 HOURS.

05855	LECT	A	8	M W	141	COM W	CLAYTON

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ARCH 300 INDEPENDENT STUDIES IN URBAN DESIGN.
PREREQUISITE: ONE YEAR OF HISTORY OF ARCHITECTURE, OR HISTORY OF ART AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05862	CONF	F	ARR				FOREIGN

ARCH 311 EARLY MEDIEVAL ARCHITECTURE.
PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05870	LECT	A	10	M W F	120	ARCH	STAFF

ARCH 313 ITALIAN RENAISSANCE AND BAROQUE ARCHITECTURE.
PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05887	LECT	A	1	M W F	120	ARCH	FOSS

ARCH 316 ARCHITECTURE OF THE NINETEENTH AND TWENTIETH CENTURIES.
PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05894	LECT	A	4	M W F	120	ARCH	CREESE
05905	LECT	F	ARR				FOREIGN

ARCH 317 THE DEVELOPMENT OF CONTEMPORARY ARCHITECTURAL THOUGHT.
PREREQUISITE: ARCH. 211 AND 212, OR ART 111 AND 112, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05912	LECT-DISC	A	4-530	TU TH	403E	ARCH	LAING

ARCH 323 SOCIAL AND BEHAVIORAL FACTORS FOR DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05920	CONF	A	ARR				KESNER

ARCH 326 IMPACT OF TECHNOLOGY ON DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05937	CONF	A	ARR				WHITE

ARCH 337 ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 236, SENIOR STANDING IN ARCHITECTURE.
7 HOURS OR 2 UNITS.

05944	LAB	A	1-5	MTUWTHF	210	ARCH	STAFF

ARCH 338 ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 337.
7 HOURS OR 2 UNITS.

05951	LAB	A	1-5	MTUWTHF	210	ARCH	STAFF

ARCH 344 DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS.
PREREQUISITE: ARCH. 242 AND 246.
2 HOURS.
*SECTION A FOR GENERAL OPTION STUDENTS.
*SECTION B FOR ENGINEERING OPTION STUDENTS.

05969	LAB	*A	9-12	TU TH	ARR		STAFF
05976	LAB	*B	9-12	TU TH	408	ARCH	CLAYTON

ARCH 347 THEORY OF STRUCTURES.
PREREQUISITE: ARCH. 257 AND MATH. 142.
5 HOURS OR 1 1/2 UNITS.

05983	LECT-DISC	A	8	MTUWTHF	301	ARCH	STAFF
	LAB	A	9-11	M W F	100	ARCH	STAFF

ARCH 348 ADVANCED STRUCTURES.
PREREQUISITE: ARCH. 347, CREDIT OR REGISTRATION IN ARCH. 358.
5 HOURS OR 1 1/2 UNITS.

05991	LECT-DISC	A	1-3	M W F	301	ARCH	STAFF
	LAB	A	3-5	M W	11S	ARCH	STAFF
		A	3	F	11S	ARCH	STAFF

ARCH 358 ADVANCED REINFORCED CONCRETE.
PREREQUISITE: ARCH. 247, CREDIT OR REGISTRATION IN ARCH. 348.
3 HOURS OR 1 UNIT.

06003	LECT-DISC	A	1-3	TU TH	301	ARCH	STAFF
	LAB	A	3	TU TH	100	ARCH	STAFF

ARCH 421 ENVIRONMENTAL CONTROL.
SAME AS M. E. 421.
PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06011	LECT-DISC		10-12	TU TH	336 M E B	TANG

ARCH 431 THEORY OF ARCHITECTURE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

06028	LECT-DISC	A	4-6	W	403E ARCH	FRANCESCATO

ARCH 433 ARCHITECTURAL DESIGN METHODS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

06035	LECT-DISC	A	10-12	TU	403E ARCH	FRANCESCATO

ARCH 435 ADVANCED ARCHITECTURAL DESIGN.
PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION) OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.

06042	LAB	A	*1	MTUWTHF	403A ARCH	STAFF

ARCH 452 ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES.
PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06050	LECT-DISC	A	8-10	M W	20A ARCH	SCHOUSBOE

ARCH 454 ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE.
PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06067	LECT-DISC	A	10-12	M W	20A ARCH	STAFF

ARCH 481 ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
MAY BE TAKEN CONCURRENTLY WITH ARCH 491.

06074	LECT-DISC	A	4-6	M	403E ARCH	LEWIS

ARCH 491 SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING CONSTRUCTION.
PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481.
1/2 TO 2 UNITS.

06081	CONF	A	ARR			LEWIS

ARCH 493 SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 4 UNITS.
*SECTION F: FOUNDATIONS.
*SECTION L: ARCHITECTURAL RESEARCH LABORATORY.

06100	LECT-DISC	*F	8-10	TU TH	20A ARCH	SCHOUSBOE
06117	LAB	*L	1-3	M W F	20A ARCH	TANG, SIMON
06099	CONF	R	ARR			STAFF

ARCH 494 SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
*SECTION R: SPECIAL RESEARCH.
*SECTION S: DESIGN STUDIO.

06124	CONF	*R	ARR		403E ARCH	STAFF
06131	LAB	*S	ARR		403 ARCH	STAFF

ARCH 496 SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY.
PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

06149	CONF	A	ARR			CREESE LAING

ART

DEPARTMENT OFFICE 143 F A B

COURSES IN ART APPRECIATION AND THE HISTORY OF ART

COURSES FOR UNDERGRADUATES

ART 111 INTRODUCTION TO ANCIENT AND MEDIEVAL ART.
3 HOURS.
*SECTION &1 IS AN HONORS SECTION.

06156	LECT	A	1	M W F	101	ARMORY		RAE
06359	DISC	*&1	9	TH	207	F A B		
06163	DISC	2	8	TH	207	F A B		
06171	DISC	3	1	TH	326	D K H		
06188	DISC	4	1	TH	207	F A B		
06195	DISC	5	8	F	207	F A B		
06206	DISC	6	9	F	91	COM W		
06213	DISC	7	9	F	207	F A B		
06221	DISC	8	11	F	207	F A B		
06238	DISC	9	12	W	207	F A B		
06245	DISC	10	9	W	207	F A B		
06252	DISC	11	12	TH	207	F A B		
06260	DISC	12	10	W	91	COM W		
06277	DISC	13	11	W	207	F A B		
06284	DISC	14	2	F	207	F A B		
06291	DISC	15	3	F	207	F A B		
06302	DISC	16	10	TH	207	F A B		
06310	DISC	17	11	TH	207	F A B		
06327	DISC	18	8	W	207	F A B		
06334	DISC	19	11	F	8	COM W		
06341	DISC	20	2	F	8	COM W		

ART 116 MASTERPIECES OF ART.
2 HOURS.

06366	LECT	A	2	TU TH	114	D K H		

COURSES FOR ADVANCED UNDERGRADUATES

ART 209 JAPANESE ARTS WORKSHOP.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

06373	LAB	A	10-12	M W F	106	F A B		SATO
06381	LAB	B	7-10PM	TU TH	107	F A B		SATO

ART 210 HISTORY OF FURNITURE AND INTERIOR DESIGN.
PREREQUISITE: ART 134, OR CONSENT OF INSTRUCTOR.
2 HOURS.

06398	LECT	A	1	TU TH	62	K M		ZAGORSKI

ART 213 AFRICAN ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

06409	LECT	A	12	M W F	62	K M		GLAZE

ART 217 NEAR EASTERN AND GREEK ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

06416	LECT	A	1030-12	TU TH	302	ARCH		PERKINS

ART 219 ITALIAN RENAISSANCE ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

06423	LECT	A	11	M W F	62	K M		FEHL

ART 221 ART OF THE NINETEENTH CENTURY.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

06431	LECT	A	1	M W F	62	K M		ZIFF

ART 223 ITALIAN ART OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

06448	LECT	A	2	M W F	120	ARCH		PINNELL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART 308 EARLY MEDIEVAL ART.
PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06455	LECT	A	8	M W F	62	K M		RAE

ART 317 ITALIAN ART OF THE SIXTEENTH CENTURY.
PREREQUISITE: ONE YEAR OF HISTORY OF ART, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06462	LECT	A	10	M W F	302	ARCH		PINNELL

ART 321 TWENTIETH CENTURY ART IN EUROPE: 1900-1914.
PREREQUISITE: ONE YEAR IN HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06470	LECT	A	9	M W F	301	ARCH		FRANCISCONO

ART 323 AMERICAN ART TO 1840.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06487	LECT	A	9-1030	TU TH	302	ARCH		

ART 328 CHINESE ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR JUNIOR STANDING.
3 HOURS OR 3/4 UNIT.

06494	LECT	A	1	TU TH	302	ARCH		MUNAKATA
		A	5	W	302	ARCH		

ART 335 ROMANTIC ART.
PREREQUISITE: ART 221 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06505	LECT	A	3	M W F	62	K M		ZIFF

STUDIO COURSES PRIMARILY FOR NON-ART STUDENTS

COURSES FOR UNDERGRADUATES

ART 105 INTRODUCTION TO WATER COLOR PAINTING.
NOT OPEN TO STUDENTS MAJORING IN ART.
*STUDENTS MAY ACCUMULATE FOUR HOURS CREDIT.
*2 HOURS.

06512	LAB	A	2-5	M F	209	F A B		

ART 107 ELEMENTARY DRAWING.
FOR STUDENTS NOT MAJORING IN ART.
*STUDENTS MAY ACCUMULATE FOUR HOURS.
*2 HOURS.

06520	LAB	A	9-12	TU TH	384	ARMORY		

ART 123 FUNDAMENTALS OF DRAFTING AND DRAWING.
PRIMARILY FOR STUDENTS IN OCCUPATIONAL THERAPY AND HOME ECONOMICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

06537	LAB	A	2-5	M W F	237	F A B		JOHNSON, W.

RT 185 DESIGN, I.
FOR NON-ART MAJORS.
2 HOURS.

06544	LAB	A	10-12	M W F	155	ARMORY	RAUSHENBERGER
06551	LAB	B	9-12	TU TH	155	ARMORY	& STAFF
06569	LAB	C	3-5	M W F	155	ARMORY	
06576	LAB	D	2-5	TU TH	155	ARMORY	
06583	LAB	E	7-10PM	TU TH	155	ARMORY	

RT 186 DESIGN, II.
FOR NON-ART MAJORS.
PREREQUISITE: ART 185.
2 HOURS.

06591	LAB	A	8-10	M W F	155	ARMORY	RAUSHENBERGER
06601	LAB	B	1-3	M W F	155	ARMORY	& STAFF

RT 188 INDIVIDUAL PROJECTS.
NOT OPEN TO STUDENTS MAJORING IN ART.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS.
*2 TO 4 HOURS.

06619	LAB-DISC	A	ARR		139B	F A B	WICKS

PROFESSIONAL AND STUDIO COURSES

COURSES FOR UNDERGRADUATES

RT 113 ORIENTATION TO ART, I.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: CONCURRENT REGISTRATION IN ONE OF ART 117, 118, 119, OR 120, OR CONSENT OF INSTRUCTOR.
1 HOUR.

06626	LECT	A	4	TU	112	G H	KOTOSKE

RT 117 DRAWING, I.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
3 HOURS.

06633	LAB	A	9-12	M F	370	ARMORY	BRIGGS & STAFF
06641	LAB	B	9-12	TU TH	370	ARMORY	
06658	LAB	C	1-4	TU TH	384	ARMORY	
06665	LAB	D	9-12	TU TH	372	ARMORY	
06672	LAB	E	9-12	M F	384	ARMORY	
06680	LAB	F	2-5	M F	372	ARMORY	
06697	LAB	G	1-4	TU TH	370	ARMORY	
06708	LAB	H	2-5	M F	370	ARMORY	

RT 118 DRAWING, II.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: ART 117.
3 HOURS.

06715	LAB	A	2-5	M F	384	ARMORY	BRIGGS & STAFF
06722	LAB	B	1-4	TU TH	372	ARMORY	

RT 119 DESIGN, I.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
3 HOURS.

06730	LAB	A	9-12	TU TH	247	ARMORY	STEPHENS
							& STAFF
06747	LAB	B	9-12	W	247	ARMORY	
		B	2-5	W	247	ARMORY	
06754	LAB	C	9-12	TU TH	386	ARMORY	
06761	LAB	D	9-12	M F	386	ARMORY	
06779	LAB	E	2-5	M F	247	ARMORY	
06786	LAB	F	1-4	TU TH	247	ARMORY	
06793	LAB	G	2-5	M F	386	ARMORY	
06804	LAB	H	1-4	TU TH	386	ARMORY	

ART 120 DESIGN, II.
OPEN ONLY TO STUDENTS IN COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: ART 119.
3 HOURS.

06811	LAB	A	9-12	M F	247	ARMORY		STEPHENS
06829	LAB	B	9-12	TU TH	106	F A P		& STAFF

ART 121 DRAWING THEORY.
2 HOURS.

06836	LAB	A	9-12	M F	235	F A B		WALLACE
06843	LAB	B	9-12	TU TH	235	F A B		& JOHNSON,
06851	LAB	C	1-4	TU TH	235	F A B		

ART 122 DRAWING THEORY.
PREREQUISITE: ART 121.
2 HOURS.

06868	LAB	A	9-12	TU TH	237	F A B		WALLACE

ART 125 LIFE DRAWING, I.
PREREQUISITE: ART 113, 114 AND 118.
2 HOURS.

06875	LAB	A	9-12	M F	219	F A B		HILSON & STAF
06882	LAB	B	9-12	TU TH	219	F A B		
06890	LAB	C	9-12	W	219	F A B		
		C	2-5	W	219	F A B		
06901	LAB	D	2-5	M F	219	F A B		
06918	LAB	E	2-5	TU TH	219	F A B		
06925	LAB	F	7-10PM	TU TH	219	F A B		
06932	LAB	G	9-12	W	236	F A B		
		G	2-5	W	236	F A B		
06940	LAB	H	2-5	TU TH	236	F A B		

ART 126 LIFE DRAWING, II.
PREREQUISITE: ART 125.
2 HOURS.

06957	LAB	A	9-12	M F	219	F A B		HILSON & STAF
06964	LAB	B	9-12	TU TH	219	F A B		
06971	LAB	C	9-12	W	219	F A B		
		C	2-5	W	219	F A B		
06989	LAB	D	2-5	M F	219	F A B		
06996	LAB	E	2-5	TU TH	219	F A B		
07009	LAB	F	7-10PM	TU TH	219	F A B		
07016	LAB	G	9-12	W	240	F A B		
		G	2-5	W	240	F A B		
07023	LAB	H	2-5	TU TH	240	F A B		

ART 129 ANATOMY, I.
PREREQUISITE: ART 118.
2 HOURS.

07031	LAB	A	9-12	M F	236	F A B		BUSHMAN

ART 130 ANATOMY, II.
PREREQUISITE: ART 129.
2 HOURS.

07048	LAB	A	9-12	M F	240	F A B		BUSHMAN

ART 131 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 113, 114, 118, 120, AND 122.
2 HOURS.

07055	LAB	A	9-12	M F	9	F A B		KOTOSKE &
07062	LAB	B	9-12	TU TH	9	F A B		STAFF
07070	LAB	C	9-12	W	9	F A B		
		C	2-5	W	9	F A B		
07087	LAB	D	2-5	M F	9	F A B		
07094	LAB	E	2-5	TU TH	9	F A B		

ART 132 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 131.
2 HOURS.

07105	LAB	A	9-12	M F	209	F A B		KOTOSKE &
07112	LAB	B	9-12	TU TH	209	F A B		STAFF

ART 133 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 118, 120, AND 122, OR CONSENT OF INSTRUCTOR.
3 HOURS.
*3 HOURS TO BE ARRANGED.

07120	LAB	A	*9-12	M F	32	F A B		ZAGORSKI &
07137	LAB	B	*9-12	TU TH	32	F A B		STAFF

ART 134 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 133.
3 HOURS.
*3 HOURS TO BE ARRANGED.

07144	LAB	A	*9-12	M F	32	F A B		ZAGORSKI &
07151	LAB	B	*9-12	TU TH	32	F A B		STAFF

ART 141 STILL LIFE, I.
PREREQUISITE: FRESHMAN STANDING IN ART.
2 HOURS.

07169	LAB	A	9-12	M F	336	F A B		BRADSHAW &
07176	LAB	B	9-12	TU TH	336	F A B		STAFF
07183	LAB	C	2-5	M F	336	F A B		
07191	LAB	D	2-5	TU TH	336	F A B		
07201	LAB	E	7-10PM	TU TH	336	F A B		

ART 142 STILL LIFE, II.
PREREQUISITE: ART 141.
2 HOURS.

07219	LAB	A	9-12	M F	338	F A B		BRADSHAW &
07226	LAB	B	9-12	TU TH	338	F A B		STAFF
07233	LAB	C	2-5	M F	338	F A B		
07241	LAB	D	2-5	TU TH	338	F A B		
07258	LAB	E	7-10PM	TU TH	338	F A B		

ART 151 SCULPTURE, I.
PREREQUISITE: ART 118, 120, 122 OR ARCH. 234.
2 HOURS.
*SECTION D OPEN ONLY TO STUDENTS IN SCULPTURE CURRICULUM.
*SECTION E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.

07265	LAB	A	9-12	TU TH	25	F A B		FAGAN & STAFF
07272	LAB	B	9-12	M F	25	F A B		
07280	LAB	C	7-10PM	M F	25	F A B		
07297	LAB	*D	7-10PM	TU TH	25	F A B		
07308	LAB	*E	9-12	W	25	F A B		
		*E	2-5	W	25	F A B		

ART 152 SCULPTURE, II.
PREREQUISITE: ART 151.
2 HOURS.

07315	LAB	A	2-5	M F	25	F A B		FAGAN & STAFF
07322	LAB	B	2-5	TU TH	25	F A B		
07330	LAB	C	7-10PM	TU TH	25	F A B		

ART 161 CALLIGRAPHIC DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS.

07347	LAB	A	9-12	TU TH	311	F A B		
07354	LAB	B	2-5	M F	311	F A B		
07361	LAB	C	7-10PM	TU TH	245	F A B		
07379	LAB	D	9-12	M F	245	F A B		

ART 162 LETTERFORM DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS.

07386	LAB	A	7-10PM	TU TH	311	F A B		
07393	LAB	B	2-5	TU TH	319	F A B		

ART 190 RECREATIONAL CRAFTS, I.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
*2 HOURS.

07404	LAB	A	10-12	M W F	107	F A B		

ART 191 RECREATIONAL CRAFTS, II.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: ART 190.
2 HOURS.

07411	LAB	A	10-12	M W F	107	F A B		

ART 192 METALWORK AND JEWELRY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION C OPEN ONLY TO NON-ART STUDENTS.

07429	LAB	A	9-12	M F	24	D K H		VON NEUMANN
07436	LAB	B	2-5	M F	24	D K H		VON NEUMANN
07443	LAB	*C	7-10PM	TU TH	24	D K H		VON NEUMANN

ART 193 METALWORK AND JEWELRY, II.
PREREQUISITE: ART 192.
2 HOURS.

07451	LAB	A	9-12	TU TH	24	D K H		BRUMMETT

ART 194 POTTERY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A OPEN ONLY TO NON-ART STUDENTS.
*SECTIONS B AND E OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM AND OCCUPATIONAL THERAPY.
*SECTION C OPEN ONLY TO ART STUDENTS.

07482	LAB	*A	9-12	TU TH	152	N E L		FRITH & STAFF
07468	LAB	*B	2-5	M F	152	N E L		
07490	LAB	*C	2-5	TU TH	152	N E L		
07475	LAB	*E	7-10PM	TU TH	152	N E L		

ART 195 POTTERY, II.
PREREQUISITE: ART 194.
2 HOURS.

07501	LAB	A	9-12	W	152	N E L		
		A	2-5	W	152	N E L		

ART 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

07518	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES

ART 200 SENIOR HONORS IN ART.
PREREQUISITE: SENIOR STANDING IN ART, UNIVERSITY GRADE POINT AVERAGE OF 4.00, AND APPROVAL OF CURRICULUM ADVISOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 5 HOURS
*2 TO 5 HOURS.

07525	LAB-DISC	&A	ARR		139B	F A B		WICKS

ART 201 WATER COLOR, I.
PREREQUISITE: ART 118 AND 120.
2 HOURS.

07532	LAB	A	2-5	TU TH	209	F A B		

ART 202 WATER COLOR, II.
PREREQUISITE: ART 201.
2 HOURS.

07540	LAB	A	2-5	TU TH	209	F A B		

ART 203 ART EDUCATION LABORATORY.
FOR NON-ART STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
2 HOURS.
*CONCURRENT REGISTRATION IN EL. ED. 337 SECTION E REQUIRED.

07557	LAB	A	8-10	M W F	107	F A B		
07564	LAB	B	1-3	M W F	106	F A B		
07571	LAB	C	3-5	M W F	106	F A B		
07589	LAB	D	9-12	TU TH	107	F A B		
07596	LAB	*E	3-5	M W F	107	F A B		

ART 204 ART EDUCATION LABORATORY.
PREREQUISITE: ART 132 OR JUNIOR STANDING.
2 HOURS.

07607	LAB	A	2-5	TU TH	106	F A B	

ART 206 CREATIVE ART FOR CHILDREN.
PREREQUISITE: JUNIOR STANDING IN ART EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS.
*1 HOUR TO BE ARRANGED.

07614	LECT	O	*4	W	133	F A B	BREEN &
07621	LAB	A	8-10	S	106	F A B	STAFF
		A	8-10	S	107	F A B	
07639	LAB	B	10-12	S	106	F A B	
		B	10-12	S	107	F A B	

ART 208 ORGANIZATION OF PUBLIC SCHOOL ART PROGRAMS.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

07646	LECT	A	8	M W F	133	F A B	ZERNICH

ART 215 BASIC PHOTOGRAPHY, I.
AVERAGE COST TO A STUDENT IS $100 PLUS THE COST OF THE REQUIRED 2 1/4 X 2 1/4 CAMERA ($40 TO $75).
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS.
*THREE HOURS TO BE ARRANGED

07653	LAB	A	*8-10	M W F	335	F A B
07661	LAB	B	*9-12	TU TH	335	F A B
07678	LAB	C	*7-10PM	TU TH	335	F A B
07685	LAB	D	*3-5	M W F	335	F A B

ART 216 BASIC PHOTOGRAPHY, II.
COST TO STUDENTS AVERAGES $100.
PREREQUISITE: ART 215.
*STUDENTS MAY ACCUMULATE 6 HOURS WITH CONSENT OF INSTRUCTOR.
*3 HOURS.
IT IS RECOMMENDED THAT ART 216 BE TAKEN NO LATER THAN ONE SEMESTER AFTER COMPLETION OF ART 215.
SECTION C OPEN ONLY TO STUDENTS REPEATING ART 216
THREE HOURS TO BE ARRANGED.

07692	LAB	A	10-12	M W F	335	F A B
07703	LAB	B	2-5	TU TH	335	F A B
07711	LAB	C	ARR		132	F A B

ART 225 INTERMEDIATE DRAWING, I.
PREREQUISITE: JUNIOR STANDING IN ART.
2 HOURS.

07728	LAB	A	9-12	TU TH	236	F A B
07735	LAB	B	7-10PM	TU TH	236	F A B

ART 226 INTERMEDIATE DRAWING, II.
PREREQUISITE: ART 225.
2 HOURS.

07742	LAB	A	9-12	TU TH	240	F A B
07750	LAB	B	7-10PM	TU TH	240	F A B

ART 231 INTERMEDIATE COMPOSITION, I.
PREREQUISITE: ART 132.
3 HOURS.

07767	LAB	A	9-12	M W F	324	F A B

ART 232 INTERMEDIATE COMPOSITION, II.
PREREQUISITE: ART 231.
3 HOURS.

07774	LAB	A	9-12	M W F	324	F A B

ART 233 ADVANCED COMPOSITION, I.
PREREQUISITE: ART 232.
3 HOURS.

07781	LAB	A	9-12	TU TH	308	F A B
		A	2-5	W	308	F A B
07799	LAB	B	9-12	TU TH	318	F A B
		B	2-5	W	318	F A B

ART 234 ADVANCED COMPOSITION, II.
PREREQUISITE: ART 233.
3 HOURS.

07800	LAB	A	9-12	TU TH	308	F A B
		A	2-5	W	308	F A B
07817	LAB	B	9-12	TU TH	318	F A B
		B	2-5	W	318	F A B

ART 243 FIGURE PAINTING, I.
PREREQUISITE: JUNIOR STANDING IN ART.
2 HOURS.

07824	LAB	A	9-12	TU TH	324	F A B
07831	LAB	B	2-5	TU TH	324	F A B
07849	LAB	C	7-10PM	TU TH	324	F A B

ART 244 FIGURE PAINTING, II.
PREREQUISITE: ART 243.
2 HOURS.

07856	LAB	A	9-12	TU TH	324	F A B
07863	LAB	B	2-5	TU TH	324	F A B
07871	LAB	C	7-10PM	TU TH	324	F A B

ART 245 ADVANCED PAINTING AND DRAWING, I.
PREREQUISITE: ART 226 AND 244.
3 HOURS.

07888	LAB	A	9-12	M W F	308	F A B
07895	LAB	B	9-12	M W F	318	F A B

ART 246 ADVANCED PAINTING AND DRAWING, II.
PREREQUISITE: ART 245.
3 HOURS.

07906	LAB	A	9-12	M W F	308	F A B
07913	LAB	B	9-12	M W F	318	F A B

ART 248 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING IN ART AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF EIGHT SEMESTER HOURS.
*2 HOURS.

07921	LAB-DISC	A	ARR		1396	F A B	WICKS
07938	LAB-DISC	B	ARR		1398	F A B	WICKS
07945	LAB-DISC	C	ARR		1398	F A B	WICKS
07952	LECT	D	4	M W F	66	LIB	GLAZE

ART 251 ADVANCED SCULPTURE, I.
PREREQUISITE: ART 152.
2 HOURS.

07960	LAB	A	2-5	M F	25	F A B
07977	LAB	B	2-5	TU TH	25	F A B
07984	LAB	C	7-10PM	TU TH	25	F A B

ART 252 ADVANCED SCULPTURE, II.
PREREQUISITE: ART 251.
2 HOURS.

07991	LAB	A	2-5	M F	25	F A B
08004	LAB	B	2-5	TU TH	25	F A B
08011	LAB	C	7-10PM	TU TH	25	F A B

ART 253 INTERMEDIATE SCULPTURE, I.
PREREQUISITE: ART 152.
2 HOURS.

08029	LAB	A	2-5	M F	25	F A B
08036	LAB	B	2-5	TU TH	25	F A B
08043	LAB	C	7-10PM	TU TH	25	F A B

ART 254 INTERMEDIATE SCULPTURE, II.
PREREQUISITE: ART 253.
2 HOURS.

08051	LAB	A	2-5	M F	25	F A B
08068	LAB	B	2-5	TU TH	25	F A B
08075	LAB	C	7-10PM	TU TH	25	F A B

ART 255 SCULPTURE MATERIALS AND TECHNIQUES, I.
PREREQUISITE: ART 152 AND JUNIOR STANDING IN SCULPTURE.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08082	LAB	A	*2-5	M	F	25	F	A B
08090	LAB	B	*2-5	TU TH		25	F	A B
08101	LAB	C	*7-10PM	TU TH		25	F	A B

ART 256 SCULPTURE MATERIALS AND TECHNIQUES, II.
PREREQUISITE: ART 255.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08118	LAB	A	*2-5	M	F	25	F	A B
08125	LAB	B	*2-5	TU TH		25	F	A B
08132	LAB	C	*7-10PM	TU TH		25	F	A B

ART 257 ADVANCED SCULPTURE, I.
PREREQUISITE: ART 254.
2 HOURS.

08140	LAB	A	2-5	M	F	25	F	A B
08157	LAB	B	2-5	TU TH		25	F	A B
08164	LAB	C	7-10PM	TU TH		25	F	A B

ART 258 ADVANCED SCULPTURE, II.
PREREQUISITE: ART 257.
2 HOURS.

08171	LAB	A	2-5	M	F	25	F	A B
08189	LAB	B	2-5	TU TH		25	F	A B
08196	LAB	C	7-10PM	TU TH		25	F	A B

ART 259 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, I.
PREREQUISITE: ART 256.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08207	LAB	A	*2-5	M	F	25	F	A B
08214	LAB	B	*2-5	TU TH		25	F	A B
08221	LAB	C	*7-10PM	TU TH		25	F	A B

ART 260 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, II.
PREREQUISITE: ART 259.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08239	LAB	A	*2-5	M	F	25	F	A B
08246	LAB	B	*2-5	TU TH		25	F	A B
08253	LAB	C	*7-10PM	TU TH		25	F	A B

ART 263 REPRODUCTION GRAPHICS.
PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN.
FIELD TRIPS REQUIRED.
2 HOURS.

08261	LAB	A	9-12	TU TH		319	F	A B	PERLMAN

ART 265 GRAPHIC DESIGN, I.
PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR FOR OTHERS.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08278	LAB	A	*9-12	M	F	311	F	A B
08285	LAB	B	*2-5	TU TH		311	F	A B

ART 266 GRAPHIC DESIGN, II.
PREREQUISITE: ART 265.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

08292	LAB	A	*2-5	M	F	319	F	A B

ART 267 GRAPHIC DESIGN, III.
PREREQUISITE: ART 266.
3 HOURS.

08303	LAB	A	9-12	M W	F	319	F	A B
08311	LAB	B	2-5	M W	F	319	F	A B
08328	LAB	C	9-12	M W	F	319	F	A B

ART 268 GRAPHIC DESIGN, IV.
PREREQUISITE: ART 267.
3 HOURS.

08335	LAB	A	9-12	M	W	F	319	F A B		
08342	LAB	B	2-5	M	W	F	319	F A B		
08350	LAB	C	9-12	M	W	F	319	F A B		

ART 269 SENIOR GRAPHIC DESIGN PROJECT.
PREREQUISITE: SENIOR STANDING IN GRAPHIC DESIGN.
*MAY BE REPEATED FOR TWO ADDITIONAL HOURS.
*2 HOURS.

08367	LAB	A	ARR				138	F A B		PERLMAN

ART 271 MATERIALS AND PROCESSES, I.
PREREQUISITE: ART 134.
3 HOURS.

08374	LAB	A	9-12	M	W	F	20	F A B		PRICE
		A	9-12	M	W	F	32	F A B		
08381	LAB	B	2-5	M	W	F	20	F A B		PRICE
		B	2-5	M	W	F	32	F A B		

ART 272 MATERIALS AND PROCESSES, II.
PREREQUISITE: ART 271.
3 HOURS.

08399	LAB	A	9-12	M	W	F	20	F A B		PRICE
		A	9-12	M	W	F	32	F A B		
08400	LAB	B	2-5	M	W	F	20	F A B		PRICE
		B	2-5	M	W	F	32	F A B		

ART 275 INDUSTRIAL DESIGN, I.
PREREQUISITE: ART 134.
FIELD TRIP REQUIRED.
3 HOURS.

08417	LAB	A	9-12	M	W	F	40	F A B		
08424	LAB	B	2-5	M	W	F	40	F A B		

ART 276 INDUSTRIAL DESIGN, II.
PREREQUISITE: ART 275.
FIELD TRIP REQUIRED.
3 HOURS.

08431	LAB	A	9-12	M	W	F	40	F A B		
08449	LAB	B	2-5	M	W	F	40	F A B		

ART 277 ADVANCED INDUSTRIAL DESIGN, I.
PREREQUISITE: ART 276.
5 HOURS.

08456	LAB	A	9-12	TU	TH	S	12	F A B		
		A	2-5	TU	TH		12	F A B		

ART 278 ADVANCED INDUSTRIAL DESIGN, II.
PREREQUISITE: ART 277.
5 HOURS.

08463	LAB	A	9-12	TU	TH	S	12	F A B		
		A	2-5	TU	TH		12	F A B		

ART 281 FREEHAND DRAWING, V.
PREREQUISITE: ART 184.
2 HOURS.

08471	LAB	A	7-10PM	TU	TH		104	SURV BLDG		BRITSKY & STAFF

ART 282 FREEHAND DRAWING, VI.
PREREQUISITE: ART 281.
2 HOURS.

08488	LAB	A	7-10PM	TU	TH		104	SURV BLDG		BRITSKY & STAFF

ART 283 PRINTMAKING, I.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

08495	LAB	A	2-5	M		F	GRAD STUDIO			ROWAN & STAFF
08506	LAB	B	2-5	TU	TH		GRAD STUDIO			

ART 284 PRINTMAKING, II.
PREREQUISITE: ART 283.
2 HOURS.

08513	LAB	A	2-5	M F	GRAD STUDIO		ROWAN & STAFF
08521	LAB	B	2-5	TU TH	GRAD STUDIO		

ART 285 LITHOGRAPHY, I.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

08538	LAB	A	9-12	TU TH	103	SURV BLDG	

ART 286 LITHOGRAPHY, II.
PREREQUISITE: ART 285.
2 HOURS.

08545	LAB	A	2-5	TU TH	103	SURV BLDG	

ART 288 GLASSWORKING, I.
PREREQUISITE: ART 134; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

08552	LAB	A	2-5	TU TH	151	N E L	FINNEGAN

ART 289 GLASSWORKING, II.
PREREQUISITE: ART 288.
2 HOURS.

08560	LAB	A	2-5	TU TH	151	N E L	FINNEGAN

ART 290 CERAMIC RAW MATERIALS.
PREREQUISITE: L. A. S. 141, 142, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.
2 HOURS.

08577	LECT	A	12	TU TH	152	N E L	
	LAB	A	ARR		152	N E L	

ART 292 INTRODUCTION TO METAL DESIGN IN JEWELRY.
PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.
3 HOURS.

08584	LAB	A	9-12	M W F	24	D K H	
08591	LAB	B	2-5	M W F	24	D K H	

ART 293 DEVELOPMENT OF METAL DESIGN IN JEWELRY.
PREREQUISITE: ART 292.
3 HOURS.

08602	LAB	A	9-12	TUWTH	24	D K H	

ART 294 CERAMIC DESIGN, I.
PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.
3 HOURS.

08610	LAB	A	ARR		152	N E L	

ART 295 CERAMIC DESIGN, II.
PREREQUISITE: ART 294.
3 HOURS.

08627	LAB	A	ARR		152	N E L	

ART 296 DECORATIVE METAL TECHNIQUES.
PREREQUISITE: ART 293.
5 HOURS.

08634	LAB	A	9-12	MTUWTHF	24	D K H	

ART 297 CONSTRUCTION OF HOLLOW AND FLATWARE IN SILVERSMITHING.
PREREQUISITE: ART 296.
5 HOURS.

08641	LAB	A	9-12	MTUWTHF	24	D K H	

ART 298 CERAMIC DESIGN, III.
PREREQUISITE: ART 295.
5 HOURS.

08659	LAB	A	9-12	MTUWTHF	152	N E L	

ART 299 CERAMIC DESIGN, IV.
PREREQUISITE: ART 298.
5 HOURS.

08666	LAB	A	9-12	MTUWTHF	152	N E L	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ART 380 DRAWING.
PREREQUISITE: CONSENT OF INSTRUCTOR. FOR GRADUATE STUDENTS, CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS, OR 1/2 TO 1 UNIT.

08673	LAB	A	ARR	136	F A B	
08681	LAB	B	ARR	136	F A B	

ART 381 PAINTING.
PREREQUISITE: ART 142 OR EQUIVALENT, FOR GRADUATE STUDENTS, CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES FOR M. F. A. IN PAINTING.
*COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS.
*2 TO 4 HOURS, OR 1/2 TO 1 UNIT.

08698	LAB	A	ARR	136	F A B	

ART 383 PRINT MEDIA.
PREREQUISITE: ART 284 OR EQUIVALENT. FOR GRADUATE STUDENTS, CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES FOR M. F. A. IN PAINTING.
2 HOURS, OR 1/2 TO 1 UNIT.

08709	LAB	A	ARR	GRAD STUDIO		ROWAN & STAFF
08716	LAB	B	ARR	GRAD STUDIO		ROWAN & STAFF

ART 385 LITHOGRAPHY.
PREREQUISITE: ART 286 OR, FOR GRADUATE STUDENTS, CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS, OR 1/2 TO 1 UNIT.

08723	LAB	A	ARR	103	SURV BLDG	

ART 387 PHOTOGRAPHY.
PREREQUISITE: ART 216 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OR 2 UNITS.
*3 HOURS, OR 1/2 TO 1 UNIT.

08731	LAB	A	ARR	132	F A B	

ART 388 CINEMATOGRAPHY.
THE AVERAGE COST OF THE SECOND SEMESTER IS $200.
PREREQUISITE: ART 215 AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS.
*3 HOURS, OR 1/2 TO 1 UNIT.
THREE HOURS TO BE ARRANGED.

08748	LAB	A	7-10PM	TU TH	207	F A B	
08755	LAB	B	2-5	TU TH	207	F A B	

ART 391 ADVANCED SCULPTURE TECHNIQUES.
PREREQUISITE: ART 252 OR EQUIVALENT.
2 HOURS, OR 1/2 TO 1 UNIT.

08762	LAB	A	ARR	25	F A B	GALLO

ART 392 SILVERSMITHING, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 TO 1 UNIT.

08770	LAB	A	9-12	M	F	24	D K H	VON NEUMANN
08787	LAB	B	2-5	M	F	24	D K H	VON NEUMANN

ART 393 SILVERSMITHING, II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 TO 1 UNIT.

08794	LAB	A	ARR	24	D K H	VON NEUMANN

ART 394 CERAMIC DESIGN.
PREREQUISITE: ART 295 OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS, OR 1/2 TO 2 UNITS.

08805	LAB	A	ARR	152	N E L	

ART 395 GLASS DESIGN.
PREREQUISITE: ART 289 OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS, OR 1/2 TO 1 UNIT.

08812	LAB	A	2-5	TU TH	151 N S L	FINNEGAN

COURSES FOR GRADUATES

ART 450 SEMINAR IN MODERN ART.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

08820	CONF	A	ARR			FRANCISCONO

ART 452 SEMINAR IN CHINESE ART.
PREREQUISITE: ART 328, OR CONSENT OF INSTRUCTOR.
1 UNIT.

08837	CONF	A	ARR		407 ARCH	MUNAKATA

ART 454 SEMINAR IN ANCIENT ART.
PREREQUISITE: AT LEAST ONE OF THE FOLLOWING: ART 217, 218, 304, 305, OR EQUIVALENT.
1 UNIT.

08844	CONF	A	ARR			PERKINS

ART 467 GRAPHIC DESIGN LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN GRAPHIC DESIGN, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

08851	LAB	A	ARR		327 F A B	STERKEL
08869	LAB	B	ARR		327 F A B	
08876	LAB	C	ARR		327 F A B	

ART 477 INDUSTRIAL DESIGN LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN INDUSTRIAL DESIGN OR THE CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

08883	LAB	A	ARR		128 F A B	ZAGORSKI
08891	LAB	B	ARR		128 F A B	
08901	LAB	C	ARR		128 F A B	

ART 491 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.

08919	LAB	A	ARR		GRAD STUDIO	
08926	LAB	B	ARR		GRAD STUDIO	

ART 493 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN ART.
1/4 TO 1 UNIT.

08933	CONF	A	7-10PM	M	133 F A B	STAFF
08941	CONF	B	ARR			

ART 494 SEMINAR: STUDIES IN THE DEVELOPMENT OF ART HISTORY AND CRITICISM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

08958	CONF	A	ARR			FEHL

ART 495 PAINTING LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN PAINTING AND PRINTMAKING, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1/2 TO 3 UNITS.

08965	LAB	A	ARR		GRAD STUDIO	SAVAGE & OTHERS

ART 496 SCULPTURE LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN SCULPTURE, OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

08972	LAB	A	ARR		ART SCULPTURE	GALLO

ART 497 PRINT WORKSHOP.
PREREQUISITE: GRADUATE STANDING IN ART.
1/2 TO 3 UNITS.

08980	LAB	A	ARR	GRAD STUDIO	ROWAN
08997	LAB	B	ARR	103 SURV BLDG	

ART 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN HISTORY OF ART OR ART EDUCATION.
0 TO 4 UNITS.

09000	CONF	A	ARR

ASIAN STUDIES

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINOR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURMESE, CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, ARABIC AND MODERN HEBREW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINOR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER'S DEGREE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMNETS FROM THE COURSES LISTED BELOW. ALSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, BURMESE 304, CHINESE 204 OR 302, HINDI 304, INDONESIAN 304, JAPANESE 204 OR 302 OR EQUIVALENT.
THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR.
STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. THE CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAWFORD, ASSOCIATE DIRECTOR IS HAROLD GOULD, ROOM 201, 1208 WEST CALIFORNIA, URBANA.

BELOW ARE LISTED COURSES ACCEPTABLE TOWARD THE ASIAN STUDIES MINOR. FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	315*, 316*, 366, 368, 375, 383, 384, 409, 410, 450**	HIST	396, 397, 398, 399, 409, 441, 443, 445
AG EC	353	INDON	201, 202, 303, 304
ARAB	201, 202, 203, 204, 303, 304, 305, 306, 307, 308	JAPAN	201, 202, 203, 204, 205, 206, 301, 302, 303, 304, 305, 306, 309, 310, 320, 330
ART	209, 302, 306, 316, 326, 327, 328, 452, 453	KOREA	201, 202, 303, 304, 330
AS ST	202, 295	LING	303**, 330, 350, 351, 360, 382, 383, 409, 410, 490**
BURM	201, 202, 303, 304	M HBR	201, 202, 303, 304, 305, 306
CHIN	201, 202, 203, 204, 205, 206, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 320, 330, 350	MUSIC	316*, 317*
C LIT	309	PERS	201, 202, 205, 206, 303, 304, 305, 306, 309
ECON	353, 358, 490**	PHIL	361
GEOG	351, 357	POL S	337, 338, 347, 348, 349, 380, 389, 437, 446, 448, 449
HINDI	201, 202, 303, 304, 305, 306, 307, 308, 309, 310,	R SOC	343
HIST	209, 210, 298**, 307, 308, 387, 388, 389, 390, 391, 392, 393, 394, 395,	SOC	328, 343, 355, 371

*THESE COURSES OCCASIONALLY FOCUS ON AREAS OTHER THAN ASIA. THEY MAY BE COUNTED TOWARD THE MINOR ONLY DURING THE SEMESTER WHEN THEY FOCUS ON ASIA.

**ONLY THE SECTIONS FOCUSING ON ASIA MAY BE COUNTED TOWARD THE MINOR.

COURSES FOR ADVANCED UNDERGRADUATES

AS ST 295 READINGS COURSE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
OPEN TO FRESHMEN.
09017 CONF ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

AS ST 345 TUTORIALS IN SPECIAL ASIAN LANGUAGES.
SAME AS LING. 345.
PREREQUISITE: CONSENT OF DIRECTOR OF THE CENTER FOR ASIAN STUDIES.
*MAY BE REPEATED UP TO 6 SEMESTERS SUCCESSIVELY, BUT NO MORE THAN 4 UNITS MAY BE ACCUMULATED.
*5 HOURS OR 1 UNIT.
*SECTION A CONCERNS BURMESE.
*SECTION B CONCERNS SANSKRIT.
09024 LECT-DISC *A ARR
09031 LECT-DISC *B 1 M W F 317A D K H ANACKER

COURSES FOR GRADUATES

AS ST 450 SEMINAR IN ASIAN STUDIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED UP TO 3 UNITS.
*1 UNIT.
*SECTION A: PROBLEMS OF DEVELOPMENT IN CONTEMPORARY INDIA.
09049 CONF *A ARR MADAN

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS.
09056 CONF ARR

ASTRONOMY

DEPARTMENT OFFICE 103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOR.

MINOR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

COURSES FOR UNDERGRADUATES

ASTR 101 DESCRIPTIVE ASTRONOMY.
NOT OPEN TO STUDENTS WHO HAVE HAD TWO OR MORE SEMESTERS OF COLLEGE PHYSICS.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.
*4 HOURS.
STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN DISCUSSION A, B, C, D, OR E.
STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN DISCUSSION F, G, H, I, OR J.

09063	LECT	1	11	M W F	103	M H	WEBBER
09071	DISC	A	10	TU	221	G H	
09088	DISC	B	11	TU	221	G H	
09095	DISC	C	1	TU	221	G H	
09106	DISC	D	2	TU	221	G H	
09113	DISC	E	3	TU	221	G H	
09121	LECT	2	1	M W F	103	M H	RUBIN
09138	DISC	F	10	TU	3	G H	
09145	DISC	G	11	TU	3	G H	
09152	DISC	H	1	TU	43	G H	
09160	DISC	I	2	TU	116	L H	
09177	DISC	J	3	TU	3	G H	

ASTR 102 DESCRIPTIVE ASTRONOMY.
PREREQUISITE: ASTR. 101.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.
*4 HOURS.
STUDENTS WHO REGISTER IN THE LECTURE MUST ALSO REGISTER IN DISCUSSION A, B, C, OR D.

09184	LECT		2	M W F	103	M H	AVNER
09191	DISC	A	10	TH	221	G H	
09202	DISC	B	11	TH	221	G H	
09210	DISC	C	1	TH	221	G H	
09227	DISC	D	2	TH	221	G H	

ASTR 110 SELECTED TOPICS IN ASTRONOMY.
PREREQUISITE: ASTR. 102.
*NOT OPEN TO STUDENTS WITH CREDIT IN ASTR. 210.
*2 HOURS.

09234	LECT-DISC		2	M W	162	E E B	KALER

COURSES FOR ADVANCED UNDERGRADUATES

ASTR 210 GENERAL ASTRONOMY.
PREREQUISITE: TWO SEMESTERS OF COLLEGE PHYSICS.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 101 OR ASTR. 102.
*3 HOURS.

09241	LECT		1	M W F	400	E H	KALER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ASTR 301 INTRODUCTORY ASTROPHYSICS.
PREREQUISITE: PHYCS. 108.
3 HOURS OR 1 UNIT.

09259	LECT		3	M W F	64	M E B	CAHN

ASTR 306 FOUNDATIONS OF MECHANICS AND GRAVITATIONAL THEORY.
SAME AS A.A.E. 306.
PREREQUISITE: MATH. 140, 141, OR 145.
3 HOURS OR 1 UNIT.

09266	LECT	11	M W F	162	E E B		AVNER

ASTR 315 OBSERVATIONAL TECHNIQUES AND REDUCTIONS.
PREREQUISITE: ASTR. 102 OR 210; MATH. 140, 141, OR 145.
4 HOURS OR 1 UNIT.

09273	LECT	2	M W F	124	OBSERV		YOSS/OLSON

ASTR 317 ELEMENTS OF MAGNETOHYDRODYNAMICS.
SAME AS A. A. E. 317.
PREREQUISITE: A. A. E. 212 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

09281	LECT-DISC A	9	M W F	203	T B		BOND

ASTR 321 STELLAR SYSTEMS, I.
PREREQUISITE: ASTR. 102 OR 210, PHYSICS 108.
3 HOURS OR 1 UNIT.

09298	LECT	1	M W F	162	E E B		YOSS

ASTR 357 RADIO ASTRONOMY.
SAME AS E. E. 357.
PREREQUISITE: PHYCS. 108.
3 HOURS OR 1 UNIT.

09309	LECT	10	M W F	160	M E B		DICKEL

COURSES FOR GRADUATES

ASTR 401 STELLAR ATMOSPHERES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

09316	LECT	11	M W F	124	OBSERV		OLSON

ASTR 415 EXPERIMENTAL METHODS IN RADIO ASTRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

09323	CONF	ARR					STAFF

ASTR 433 SOLAR SYSTEM ASTROPHYSICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

09331	LECT	9	M W F	124	OBSERV		WYATT/DICKEL

ASTR 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 4 UNITS.

09348	LECT-DISC A	4	M W F	207	G H		STAFF
09355	LECT-DISC B	4	TU TH	221	G H		STAFF

ASTR 499 THESIS RESEARCH
0 TO 4 UNITS.

09362	CONF	ARR					STAFF

DEPARTMENT OFFICE U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS AND FACULTY IN ALL DEPARTMENTS OF THE UNIVERSITY, SUBJECT TO LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT. CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY CREDIT. HOWEVER, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS $550, EXCEPT FOR AVIATION 100 WHICH IS $125, AVIATION 105 AND 115, WHICH ARE $245, AND AVIATION 222 WHICH IS $350. THERE IS NO FEE FOR AVIATION 250. ARRANGEMENTS FOR THE PHYSICAL EXAMINATION FOR STUDENTS IN AVIATION 101 ARE MADE BY THE INSTITUTE THROUGH THE UNIVERSITY HEALTH SERVICE UPON FINAL ACCEPTANCE IN THE PRIVATE PILOT COURSE AT REGISTRATION TIME SUBJECT TO POSSIBLE LIMITATIONS IMPOSED BY THE HEALTH SERVICE. STUDENTS IN AVIATION 140 ARE REQUIRED TO POSSESS A CURRENT SECOND CLASS F.A.A. MEDICAL CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH; HOWEVER, THERE IS A CHARGE FOR PARKING. IN EITHER EVENT, ALL STUDENTS REGISTERING FOR AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

COURSES FOR UNDERGRADUATES

AVI 100 ORIENTATION TO AVIATION.
3 HOURS.

09370	LECT-DISC		930-1030	TU TH	317	E H	EMANUEL
	FLT		ARR			AIRPORT	BENN AND STAFF

AVI 101 PRIVATE PILOT.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.
EACH AVI. 101 STUDENT MUST REGISTER FOR ONE LECT., ONE DISC. AND ONE FLIGHT SECTION.

09387	LECT	A	8-930	TU TH	400	E H	EMANUEL
09394	LECT	B	11	M W F	400	E H	EMANUEL
09405	LECT	C	2	M W F	400	E H	EMANUEL
09412	DISC	A	730-930PM	M	314	E H	BENN & STAFF
09420	DISC	B	730-930PM	TU	314	E H	BENN & STAFF
09437	FLT	F1	8-930	M W F		AIRPORT	TREICHEL
09444	FLT	F2	930-11	M W F		AIRPORT	AND STAFF
09451	FLT	F3	11-1230	M W F		AIRPORT	
09469	FLT	F4	1230-2	M W F		AIRPORT	
09476	FLT	F5	2-330	M W F		AIRPORT	
09483	FLT	F6	330-5	M W F		AIRPORT	
09491	FLT	F7	8-930	TU TH S		AIRPORT	
09501	FLT	F8	930-11	TU TH S		AIRPORT	
09519	FLT	F9	1230-2	TU TH S		AIRPORT	
09526	FLT	F10	2-330	TU TH S		AIRPORT	
09533	FLT	F11	330-5	TU TH S		AIRPORT	

AVI 105 SOARING, I.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09541	LECT-DISC		7-9PM	M	420	E H		BENN
09558	FLT	S 3	8-12	TU		AIRPORT		
09565	FLT	S 4	1-5	TU		AIRPORT		
09572	FLT	S 7	8-12	TH		AIRPORT		
09580	FLT	S 8	1-5	TH		AIRPORT		

AVI 115 SOARING, II.
PREREQUISITE: AVI. 105 OR EQUIVALENT.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09597	LECT-DISC		7-9PM	M	420	E H		BENN
09608	FLT	S 3	8-12	TU		AIRPORT		
09615	FLT	S 4	1-5	TU		AIRPORT		
09622	FLT	S 7	8-12	TH		AIRPORT		
09630	FLT	S 8	1-5	TH		AIRPORT		

AVI 120 SECONDARY FLIGHT.
PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09647	LECT-DISC		3	M W F	400	E H		EMANUEL
09654	FLT	F1	8-930	M W F		AIRPORT		DEXTER AND
09661	FLT	F2	930-11	M W F		AIRPORT		STAFF
09679	FLT	F3	11-1230	M W F		AIRPORT		
09686	FLT	F4	1230-2	M W F		AIRPORT		
09693	FLT	F7	8-930	TU TH S		AIRPORT		
09704	FLT	F8	930-11	TU TH S		AIRPORT		
09711	FLT	F9	1230-2	TU TH S		AIRPORT		
09729	FLT	F10	2-330	TU TH S		AIRPORT		
09736	FLT	F11	330-5	TU TH S		AIRPORT		

AVI 130 INTERMEDIATE FLIGHT.
PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE, CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09743	LECT-DISC	A	9	M W F	400	E H		EMANUEL
09751	FLT	X2	1-5	M		AIRPORT		GORDON
09768	FLT	X3	8-12	TU		AIRPORT		AND STAFF
09775	FLT	X4	1-5	TU		AIRPORT		
09782	FLT	X6	1-5	W		AIRPORT		
09790	FLT	X7	8-12	TH		AIRPORT		
09801	FLT	X8	1-5	TH		AIRPORT		
09818	FLT	X10	1-5	F		AIRPORT		
09825	FLT	X11	8-12	S		AIRPORT		
09832	FLT	X12	1-5	S		AIRPORT		

AVI 140 ADVANCED FLIGHT.
PREREQUISITE: AVI. 120 AND 130; CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

09840	LECT-DISC		1030-12	TU TH	400	E H		EMANUEL
09857	FLT	F1	8-930	M W F		AIRPORT		GORDON
09864	FLT	F2	930-11	M W F		AIRPORT		AND STAFF
09871	FLT	F3	11-1230	M W F		AIRPORT		
09889	FLT	F4	1230-2	M W F		AIRPORT		
09896	FLT	F5	2-330	M W F		AIRPORT		
09907	FLT	F6	330-5	M W F		AIRPORT		
09914	FLT	F7	8-930	TU TH S		AIRPORT		
09921	FLT	F9	1230-2	TU TH S		AIRPORT		
09939	FLT	F10	2-330	TU TH S		AIRPORT		
09946	FLT	F11	330-5	TU TH S		AIRPORT		

AVI 200 BASIC INSTRUMENT FLIGHT TECHNIQUES.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE OR EQUIVALENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

09953	LECT-DISC		8	M	W	F	400	E H		JAMISON
09961	FLT	F2	930-11	M	W	F		AIRPORT		ANDERSON
09978	FLT	F3	11-1230	M	W	F		AIRPORT		AND STAFF
09985	FLT	F4	1230-2	M	W	F		AIRPORT		
09992	FLT	F5	2-330	M	W	F		AIRPORT		
10009	FLT	F6	330-5	M	W	F		AIRPORT		
10016	FLT	F7	8-930	TU	TH	S		AIRPORT		
10023	FLT	F8	930-11	TU	TH	S		AIRPORT		
10031	FLT	F9	1230-2	TU	TH	S		AIRPORT		
10048	FLT	F10	2-330	TU	TH	S		AIRPORT		
10055	FLT	F11	330-5	TU	TH	S		AIRPORT		

AVI 210 ADVANCED INSTRUMENT FLIGHT PROCEDURES.
PREREQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT FLIGHT EXPERIENCE, JUNIOR STANDING, CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

10062	LECT-DISC		8	M	W	F	245	E E B		EMANUEL
10070	FLT	F2	930-11	M	W	F		AIRPORT		ANDERSON
10087	FLT	F3	11-1230	M	W	F		AIRPORT		AND STAFF
10094	FLT	F4	1230-2	M	W	F		AIRPORT		
10105	FLT	F5	2-330	M	W	F		AIRPORT		
10112	FLT	F6	330-5	M	W	F		AIRPORT		
10120	FLT	F7	8-930	TU	TH	S		AIRPORT		
10137	FLT	F8	930-11	TU	TH	S		AIRPORT		
10144	FLT	F9	1230-2	TU	TH	S		AIRPORT		
10151	FLT	F10	2-330	TU	TH	S		AIRPORT		
10169	FLT	F11	330-5	TU	TH	S		AIRPORT		

AVI 220 FLIGHT INSTRUCTOR.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, JUNIOR STANDING, CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

10176	LECT-DISC		4	M	W	F	400	E H		EMANUEL
10183	FLT	F1	8-930	M	W	F		AIRPORT		ANDERSON
10191	FLT	F2	930-11	M	W	F		AIRPORT		AND STAFF
10201	FLT	F3	11-1230	M	W	F		AIRPORT		
10219	FLT	F4	1230-2	M	W	F		AIRPORT		
10226	FLT	F5	2-330	M	W	F		AIRPORT		
10233	FLT	F7	8-930	TU	TH	S		AIRPORT		
10241	FLT	F8	930-11	TU	TH	S		AIRPORT		
10258	FLT	F9	1230-2	TU	TH	S		AIRPORT		
10265	FLT	F10	2-330	TU	TH	S		AIRPORT		
10272	FLT	F11	330-5	TU	TH	S		AIRPORT		

AVI 222 INSTRUMENT FLIGHT INSTRUCTOR'S COURSE.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, INSTRUMENT RATING, FLIGHT INSTRUCTOR CERTIFICATE AIRPLANE RATING, CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

10280	LECT-DISC		ARR							ANDERSON
10297	FLT	F1	8-930	M	W	F		AIRPORT		AND STAFF
10308	FLT	F2	930-11	M	W	F		AIRPORT		
10315	FLT	F3	11-1230	M	W	F		AIRPORT		
10322	FLT	F4	1230-2	M	W	F		AIRPORT		
10330	FLT	F5	2-330	M	W	F		AIRPORT		
10347	FLT	F6	330-5	M	W	F		AIRPORT		
10354	FLT	F7	8-930	TU	TH	S		AIRPORT		
10361	FLT	F8	930-11	TU	TH	S		AIRPORT		
10379	FLT	F9	1230-2	TU	TH	S		AIRPORT		
10386	FLT	F10	2-330	TU	TH	S		AIRPORT		
10393	FLT	F11	330-5	TU	TH	S		AIRPORT		

AVI 250 PRACTICE TEACHING, AIRPLANE.
PREREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE; JUNIOR STANDING; CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10404	DISC		12	TU	TH		317	E H		EMANUEL
	FLT		ARR					AIRPORT		BENN AND STAFF

AVI 280 SPECIAL RATING (MULTI-ENGINE LAND).

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
STUDENT MUST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.

10411	DISC		ARR					AIRPORT	BENN AND STAFF
10429	FLT	F1	8-930	M	W	F		AIRPORT	
10436	FLT	F2	930-11	M	W	F		AIRPORT	
10443	FLT	F3	11-1230	M	W	F		AIRPORT	
10451	FLT	F4	1230-2	M	W	F		AIRPORT	
10468	FLT	F7	8-930	TU	TH	S		AIRPORT	
10475	FLT	F8	930-11	TU	TH	S		AIRPORT	
10482	FLT	F9	1230-2	TU	TH	S		AIRPORT	

AVI 291 SPECIAL RATINGS AND/OR SPECIALIZED FLIGHT.

PREREQUISITE: COMMERCIAL PILOT CERTIFICATE, CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

10490	DISC		ARR					AIRPORT
10501	FLT	F1	8-930	M	W	F		AIRPORT
10518	FLT	F2	930-11	M	W	F		AIRPORT
10525	FLT	F3	11-1230	M	W	F		AIRPORT
10532	FLT	F4	1230-2	M	W	F		AIRPORT
10540	FLT	F5	2-330	M	W	F		AIRPORT
10557	FLT	F6	330-5	M	W	F		AIRPORT
10564	FLT	F7	8-930	TU	TH	S		AIRPORT
10571	FLT	F8	930-11	TU	TH	S		AIRPORT
10589	FLT	F9	1230-2	TU	TH	S		AIRPORT
10596	FLT	F10	2-330	TU	TH	S		AIRPORT
10607	FLT	F11	330-5	TU	TH	S		AIRPORT

BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES REGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE BUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST CORNER OF AERO-LAB B, AND MAKES REGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STREETS, FOURTH STREET AND GREGORY DRIVE, AND FIRST STREET AND GREGORY DRIVE. THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:
ON THE FIRST TRIP TO THE CAMPUS EACH MORNING THE BUS IS ROUTED BETWEEN THE FLORIDA AVENUE AND THE PENNSYLVANIA AVENUE RESIDENCE HALLS.

AVI 302 BUS FROM CAMPUS TO AIRPORT.

10614	BUS	A1	730-8	M	W	F		CAMPUS
10621	BUS	A2	9-930	M	W	F		CAMPUS
10639	BUS	A3	10-1030	M	W	F		CAMPUS
10646	BUS	A4	11-1130	M	W	F		CAMPUS
10653	BUS	A5	12-1230	M	W	F		CAMPUS
10661	BUS	A6	1-130	M	W	F		CAMPUS
10678	BUS	A7	2-230	M	W	F		CAMPUS
10685	BUS	A8	3-330	M	W	F		CAMPUS
10692	BUS	A9	4-430	M	W	F		CAMPUS
10703	BUS	A10	730-8	TU	TH	S		CAMPUS
10711	BUS	A11	9-930	TU	TH	S		CAMPUS
10728	BUS	A12	10-1030	TU	TH	S		CAMPUS
10735	BUS	A13	11-1130	TU	TH	S		CAMPUS
10742	BUS	A14	12-1230	TU	TH	S		CAMPUS
10750	BUS	A15	1-130	TU	TH	S		CAMPUS
10767	BUS	A16	2-230	TU	TH	S		CAMPUS
10774	BUS	A17	3-330	TU	TH	S		CAMPUS
10781	BUS	A18	4-430	TU	TH	S		CAMPUS

AVI 303 BUS FROM AIRPORT TO CAMPUS.

10799	BUS	C1	830-9	M	W	F	AIRPORT
10800	BUS	C2	930-10	M	W	F	AIRPORT
10817	BUS	C3	1030-11	M	W	F	AIRPORT
10824	BUS	C4	1130-12	M	W	F	AIRPORT
10831	BUS	C5	1230-1	M	W	F	AIRPORT
10849	BUS	C6	130-2	M	W	F	AIRPORT
10856	BUS	C7	230-3	M	W	F	AIRPORT
10863	BUS	C8	330-4	M	W	F	AIRPORT
10871	BUS	C9	5-530	M	W	F	AIRPORT
10888	BUS	C10	830-9	TU	TH	S	AIRPORT
10895	BUS	C11	930-10	TU	TH	S	AIRPORT
10906	BUS	C12	1030-11	TU	TH	S	AIRPORT
10913	BUS	C13	1130-12	TU	TH	S	AIRPORT
10921	BUS	C14	1230-1	TU	TH	S	AIRPORT
10938	BUS	C15	130-2	TU	TH	S	AIRPORT
10945	BUS	C16	230-3	TU	TH	S	AIRPORT
10952	BUS	C17	330-4	TU	TH	S	AIRPORT
10960	BUS	C18	5-530	TU	TH	S	AIRPORT

AVIATION
AIRCRAFT MAINTENANCE

NOTICE:
THE CURRICULUM AND MOST COURSES IN AIRCRAFT MAINTENANCE ARE BEING REVISED, AND NO INFORMATION CONCERNING THESE COURSES IS AVAILABLE AT THE TIME OF PRINTING OF THE TIMETABLE. ANY STUDENT WHO WISHES TO ENROLL IN AN AVIATION MAINTENANCE COURSE SHOULD CONTACT AN AVIATION ADVISOR, PHONE 333-3035, FOR ASSISTANCE.

COURSES FOR UNDERGRADUATES

AVI 181 INTRODUCTION TO ELECTRONIC THEORY AND PRACTICE.
3 HOURS.

10977	LECT-DISC	3-5	M	W	F	Q49	AIRPORT	KEHELY

AVI 183 ADVANCED ELECTRONIC THEORY.
PREREQUISITE: AVI. 182.
3 HOURS.

10984	LECT-DISC	ARR				Q49	AIRPORT	KEHELY

AVI 185 AIRCRAFT ELECTRICAL SYSTEMS.
PREREQUISITE: AVI. 181.
5 HOURS.

10991	LECT-DISC	ARR				Q49	AIRPORT	KEHELY

DEPARTMENT OFFICE 140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED BY EXAMINATION FOR MEMBERSHIP IN ONE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST REGIMENTAL BAND, SECOND REGIMENTAL BAND. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION. COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEARSALS, PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE ENROLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS--TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR BEGIAN, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD, MR. HERMANN.

COURSES FOR UNDERGRADUATES

BANDS 101 BAND.
1/2 HOUR.
NO MOBILITY BETWEEN SECTIONS.
*SECTION A: CONCERT BAND.
*SECTION B: FIRST REGIMENTAL BAND.
*SECTION C: SECOND REGIMENTAL BAND.
*SECTION D: SECOND REGIMENTAL BAND.

11004	PRACT		ARR		141	BAND
11011	PRACT	*A	4-530	TU TH	141	BAND
11029	PRACT	*B	4-530	M W	141	BAND
11036	PRACT	*C	1	M W F	141	BAND
11043	PRACT	*D	2	M W F	141	BAND

BANDS 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

11051	PRACT		2	TU TH	141	BAND
			7PM	W	141	BAND

BIOCHEMISTRY

DEPARTMENT OFFICE 415 EAST CHEMISTRY

MAJOR: TWENTY HOURS OF ADVANCED COURSE WORK IN BIOCHEMISTRY AND CHEMISTRY INCLUDING BIOCHEMISTRY 350 AND 355, ORGANIC CHEMISTRY THROUGH CHEMISTRY 336, AND ONE YEAR OF PHYSICAL CHEMISTRY (CHEMISTRY 342 AND 344 OR ALTERNATELY, CHEMISTRY 340 AND 346 OR CHEMISTRY 340 AND BIOCHEMISTRY 351). ADVANCED COURSE WORK EXCLUDES COURSES NUMBERED 199 AND 100 THROUGH 130.

MINORS: TWENTY OR MORE HOURS CHOSEN FROM PHYSICS, MATHEMATICS OR LIFE SCIENCE SO AS TO INCLUDE AT LEAST TWO 300 LEVEL COURSES IN LIFE SCIENCES.

DEPARTMENTAL DISTINCTION: STUDENTS IN BIOCHEMISTRY REGISTERED IN BIOCHEMISTRY 290 THESIS BECOME CANDIDATES FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

COURSES FOR UNDERGRADUATES

BIOCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

11068	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES

BIOCH 290 THESIS.
PREREQUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO THESIS RESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF THE BIOCHEMISTRY FACULTY. ACCORDINGLY, PROSPECTIVE STUDENTS ARE ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10 HOURS OVER 2 SEMESTERS IS EXPECTED.
*IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN BIOCH. 290.
*4 TO 6 HOURS.

11075	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOCH 350 GENERAL BIOCHEMISTRY.
PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

11082	LECT		9	TU TH S	141 COM W	WOOD

BIOCH 351 PHYSICO-CHEMICAL BASIS OF BIOCHEMISTRY.
PREREQUISITE: CHEM. 340 OR EQUIVALENT COURSE AT UNDERGRADUATE LEVEL, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

11090	LECT		10	M W F	101 E C	WEBER

BIOCH 354 INTRODUCTION TO BIOCHEMISTRY.
DESIGNED TO MEET NEEDS OF VETERINARY MEDICINE, NUTRITION, DIETETICS AND OTHER PROFESSIONAL STUDENTS. OPEN TO OTHERS ONLY BY SPECIAL PERMISSION WHEN SPACE IS AVAILABLE.
PREREQUISITE: CHEM. 131 OR 136, OR EQUIVALENT; LABORATORY COURSE IN GENERAL BIOLOGY, BOTANY, OR ZOOLOGY; OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

11101	LECT		1	M W F	116 E C	SCHROEPFER

BIOCH 355 BIOCHEMISTRY LABORATORY.
PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT; REGISTRATION IN BIOCH. 350.
4 HOURS OR 1 UNIT.

11118	LAB-DISC	A	1	M W F	217 N L	
	LAB	A	2-4	M W F	219 N L	
11125	LAB-DISC	B	1	TU TH	217 N L	
		B	10	S	217 N L	
	LAB	B	2-4	TU TH	219 N L	
		B	10-12	S	219 N L	

BIOCH 356 INTRODUCTION TO BIOCHEMISTRY LABORATORY.
TO ACCOMPANY BIOCH. 354. DESIGNED TO MEET NEEDS OF VETERINARY MEDICINE, NUTRITION, DIETETICS, AND OTHER PROFESSIONAL STUDENTS. OPEN TO OTHERS ONLY BY SPECIAL PERMISSION WHEN SPACE IS AVAILABLE. PREREQUISITE: CHEM. 131 OR 136, OR EQUIVALENT; LABORATORY COURSE IN GENERAL BIOLOGY, BOTANY, OR ZOOLOGY; OR CONSENT OF INSTRUCTOR. 3 HOURS OR 3/4 UNIT.

11132	LAB	9-12	TU TH	219	N L	

COURSES FOR GRADUATES

BIOCH 452 EXPERIMENTAL TECHNIQUES IN BIOCHEMISTRY.
PREREQUISITE: BIOCH. 350 AND 355.
3/4 OR 1 UNIT.

11140	DISC	1	TU TH	115	E C	MCCLURE
	LAB	2-5	TU TH	315	N L	

BIOCH 455 BICCHEMISTRY SEMINAR.
REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS BIOCHEMISTRY.
PREREQUISITE: BIOCH. 350 AND 355, OR EQUIVALENT.
1/2 UNIT.

11157	LECT-DISC A	2	F	115	E C	STAFF
11164	LECT-DISC B	ARR				

BIOCH 490 SPECIAL TOPICS IN BIOCHEMISTRY.
PREREQUISITE: CONSENT OF HEAD OF THE DEPARTMENT.
1/4 TO 4 UNITS.

11171	CONF	ARR				STAFF

BIOCH 494 CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.
SAME AS CHEM. 494.
PREREQUISITE: CHEM. 344 AND 346, AND BIOCH. 350 OR 450; MCBIO. 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

11189	LECT	11	TU TH S	101	E C	UHLENBECK

BIOCH 499 THESIS RESEARCH.
0 TO 4 UNITS.

11196	CONF	ARR				STAFF

BIOLOGY

DEPARTMENT OFFICE 393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSIOLOGY 301 AND 303. STUDENTS ARE ALSO REQJIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH MATHEMATICS 120 OR THE EQUIVALENT. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

BIOL 100 BIOLOGICAL SCIENCE, I.
4 HOURS.
STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION.
INDEPENDENT STUDY IN LEARNING CENTER, (AUDIO-TUTORIAL), FOR 3-4 HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN 425 N. H. B. QUIZ ARRANGED AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8A.M. AND 6 P.M. ON THE DAY INDICATED.

11207	LECT	1	11	TU	228	N H B		KIEFFER
	QUIZ	1	ARR	TH				
11214	LECT	2	1	TU	228	N H B		KIEFFER
	QUIZ	2	ARR	F				
11221	LECT	3	2	TU	228	N H B		KIEFFER
	QUIZ	3	ARR	M				

BIOL 110 PRINCIPLES OF BIOLOGY, I.
PREREQUISITE: ONE YEAR OF COLLEGE CHEMISTRY OR CONCURRENT ENROLLMENT IN CHEMISTRY.
FIELD TRIP, ESTIMATED EXPENSE $5.00.
5 HOURS.

11239	LECT	1	9	M W F	228	N H B		LARSEN SARGEN
11246	LECT	2	1	M W F	100	G H		SWEENEY
11253	LAB	A	9-12	M	309	N H B		
	DISC	A	4	M	309	N H B		
11261	LAB	B	9-12	M	313	N H B		
	DISC	B	4	M	313	N H B		
11278	LAB	C	1-4	M	309	N H B		
	DISC	C	8	TU	309	N H B		
11285	LAB	D	1-4	M	313	N H B		
	DISC	D	8	TU	313	N H B		
11292	LAB	E	9-12	TU	309	N H B		
	DISC	E	4	TU	309	N H B		
11303	LAB	F	9-12	TU	313	N H B		
	DISC	F	4	TU	313	N H B		
11311	LAB	G	1-4	TU	309	N H B		
	DISC	G	8	W	309	N H B		
11328	LAB	H	1-4	TU	313	N H B		
	DISC	H	8	W	313	N H B		
11335	LAB	I	9-12	W	309	N H B		
	DISC	I	4	W	309	N H B		
11342	LAB	J	9-12	W	313	N H B		
	DISC	J	4	W	313	N H B		
11350	LAB	K	1-4	W	309	N H B		
	DISC	K	8	TH	309	N H B		
11367	LAB	L	1-4	W	313	N H B		
	DISC	L	8	TH	313	N H B		
11374	LAB	M	9-12	TH	309	N H B		
	DISC	M	4	TH	309	N H B		
11381	LAB	N	9-12	TH	313	N H B		
	DISC	N	4	TH	313	N H B		
11399	LAB	O	1-4	TH	309	N H B		
	DISC	O	8	F	309	N H B		
11400	LAB	P	1-4	TH	313	N H B		
	DISC	P	8	F	313	N H B		
11417	LAB	Q	9-12	F	309	N H B		
	DISC	Q	4	F	309	N H B		
11424	LAB	R	9-12	F	313	N H B		
	DISC	R	4	F	313	N H B		
11431	LAB	S	1-4	F	309	N H B		
	DISC	S	8	M	309	N H B		
11449	LAB	T	1-4	F	313	N H B		
	DISC	T	8	M	313	N H B		

BIOL 115 HEREDITY, EVOLUTION AND SOCIETY.
PREREQUISITE: FOUR HOURS CREDIT IN A BIOLOGICAL SCIENCE.
*CREDIT WILL NOT BE GIVEN FOR BIOL. 115 AND BIOL. 210 AND ZOOL. 106 OR 107.
*4 HOURS.

11456	LAB		9-11	M F	257	E R L		EADES
	DISC		9-11	W	384	MOR HALL		EADES

BIOL 151 THE CELL.
PREREQUISITE: CHEM. 102 OR 108; CONSENT OF INSTRUCTOR.
5 HOURS.

11463	LECT	E	11	M W F	231	N H B		
	LAB	E	1-5	TU	102	H H		

BIOL 198 FRESHMAN SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

11471	LECT	&A	3-5	M	384	MOR HALL	
11488	LECT	&B	7-9PM	M	384	MOR HALL	
11495	LECT	&C	7-9PM	TU	231	N H B	
11506	LECT	&D	7-9PM	W	231	N H B	
11513	LECT	&E	7-9PM	TH	231	N H B	

COURSES FOR ADVANCED UNDERGRADUATES

BIOL 203 HONORS SEMINAR.
PREREQUISITE: JUNIOR OR SENIOR STANDING, 4.0 CUMULATIVE AVERAGE, 2 COURSES IN BIOLOGY OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE FOR CREDIT.
*1 HOUR.

11521	LECT-DISC	&A	7-9PM	M	136	BUR HALL
11538	LECT-DISC	&B	7-9PM	M	231	N H B
11545	LECT-DISC	&C	7-9PM	TU	136	BUR HALL
11552	LECT-DISC	&D	7-9PM	W	136	BUR HALL
11560	LECT-DISC	&E	7-9PM	TH	136	BUR HALL

BIOL 210 GENETICS.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
*CREDIT WILL NOT BE GIVEN FOR BIOL. 210 AND BIOL. 115 OR ZOOL. 106.
*4 HOURS.

11577	LECT-DISC	A	12	MTUWTH	140	BUR HALL
		A	12	F	ARR	
11584	LECT-DISC	B	2	MTUWTHF	140	BUR HALL
11591	LECT-DISC	C	3	MTUWTHF	112	C A
11602	LECT-DISC	D	4	MTUWTHF	217	N L

BIOL 211 DEVELOPMENTAL BIOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT; CHEM. 133 OR 234.
4 HOURS.

11610	LECT		1	M W F	124	BUR HALL	STOCUM
11627	DISC	1	3	M	231	N H B	
11634	DISC	2	3	W	231	N H B	
11641	DISC	3	3	F	231	N H B	

BIOL 251 THE ORGANISM.
PREREQUISITE: BIO. 151.
5 HOURS.

11659	LECT	&	11	M W F	202	H H	WILLIS
	LAB	&	1-5	F	102	H H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOL 307 IMMUNOLOGY.
PREREQUISITE: FOUR SEMESTERS OF COLLEGE BIOLOGY AND CHEM. 133 OR 234, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

11666	LECT		10	M W F	228	N H B
11673	DISC	A	2	M	300	N L
11681	DISC	B	4	M	136	BUR HALL
11698	DISC	C	2	TU	136	BUR HALL
11709	DISC	D	4	TU	136	BUR HALL

BIOL 308 EXPERIMENTAL IMMUNOBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN BIOL. 307 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
*EXTRA HOURS TO BE ARRANGED AT CONVENIENCE OF STUDENT.

11716	LAB	A	*9-12	TU TH	323	N H B	ALGER
11723	LAB	B	*2-5	TU TH	323	N H B	

BIOL 309 POPULATION BIOLOGY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN BIOL. 310, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

11731	LAB		2-5	F	345	N H B	WILLSON

BIOL 310 PRINCIPLES OF POPULATION BIOLOGY, I.
PREREQUISITE: BIOL. 210 OR CONSENT OF INSTRUCTOR; COLLEGE ALGEBRA.
3 HOURS OR 3/4 UNIT.

11748	LECT		1	M W F	202	H H	FRAZZETTA, WILLSON

BIOL 313 EXPERIMENTAL GENETICS.
PREREQUISITE: BIOL. 151 OR 210; AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

11755	CONF		1-3	TU	103	H H	BROWN
	LAB		ARR				

BIOL 351 POPULATION BIOLOGY.
PREREQUISITE: BIOL. 151 AND 251, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

11762	LECT	&	12	M W F	204	H H	
	LAB	&	1-3	TH	102	H H	

BIOL 371 QUANTITATIVE BIOLOGY.
PREREQUISITE: COLLEGE ALGEBRA AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

11770	LECT	&	12	M W F	202	H H	
	LAB	&	1-3	TH	202	H H	

COURSES FOR GRADUATES

BIOL 409 HISTORY OF BIOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

11787	LECT		*2	M W F	205	H H	HEATH

BIOL 411 DISCUSSIONS IN GENETICS AND CYTOGENETICS.
1/4 UNIT.

11794	CONF		4	W	136	BUR HALL	

BIOL 412 ANALYSIS AND CONTROL OF NATURAL ENVIRONMENTS.
PREREQUISITE: BIOL. 312 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

11805	LECT-DISC		3-5	TU TH	140	BUR HALL	METCALF

BIOL 418 CONCEPTS AND TOPICS IN IMMUNOLOGY.
SAME AS V. M. S. 418.
PREREQUISITE: CONSENT OF INSTRUCTOR. MCBIO. 327 AND BIOL. 307 RECOMMENDED.
1/2 UNIT.

11812	LECT-DISC		ARR				SEGRE, VOSS

BIOL 429 ELECTRON MICROSCOPY WITH LABORATORY.
SAME AS CHEM. 429.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

11820	LECT		4	M W	242	BEV HALL	HALL
	LAB-DISC		4	F	242	BEV HALL	
	LAB		ARR		97	BEV HALL	

BIOL 440 ADVANCED PLANT PHYSIOLOGY, I.
PREREQUISITE: CHEM. 350 AND 355; BOT. 330 AND 335; OR CONSENT OF INSTRUCTOR.
1 UNIT.

11837	LECT		8	M W F	320	M H	HAGEMANN

BIOL 490 SPECIAL TOPICS IN BIOLOGY.
1/2 TO 2 UNITS.

11844	CONF		ARR				STAFF

BIOL 493 ADVANCED ELECTRON MICROSCOPY.
SAME AS CHEM. 493.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.
1/4 TO 1/2 UNIT.

11851	LAB-DISC	ARR		97 BEV HALL	HALL

BIOL 499 THESIS RESEARCH.
0 TO 4 UNITS.

11869	CONF	ARR	STAFF

BIOPHYSICS

DEPARTMENT OFFICE 524 BUR HALL

COURSES FOR UNDERGRADUATES

BIOPH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

11876	LECT	ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BIOPH 301 INTRODUCTION TO BIOPHYSICS.
PREREQUISITE: EIGHT HOURS OF GENERAL PHYSICS OR ENROLLMENT IN GRADUATE BIOPHYSICS PROGRAM.
3 HOURS OR 3/4 UNIT.

11883	LECT	9-1030	TU TH	231 N H B	SYBESMA

COURSES FOR GRADUATES

BIOPH 401 ADVANCED BIOPHYSICS, I.
PREREQUISITE: ONE YEAR OF PHYSICS BEYOND INTRODUCTORY PHYSICS OR EQUIVALENT, CALCULUS, PHYSICAL CHEMISTRY, OR CONSENT OF INSTRUCTOR.
1 UNIT.

11891	LECT	10	TU TH S	300 N L	JENDRASIAK AND STAFF

BIOPH 404 PHYSIOLOGICAL MEASUREMENTS.
SAME AS PHYSL. 404.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A MAXIMUM OF 1 1/2 UNITS.
*1/4 TO 1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

11901	LAB	A	*9-12	TU TH	542 BUR HALL
11919	LAB	B	*2-6	TU TH	542 BUR HALL

BIOPH 410 SPECIAL TOPICS IN BIOPHYSICS.
PREREQUISITE: BIOPH. 401 OR EQUIVALENT, BIOPH. 402 AND 403.
1/2 TO 1 UNIT.

11926	DISC	ARR	STAFF

BIOPH 411 SEMINAR
PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC--TO BE ARRANGED.

11933	LECT-DISC	10	M W F	204 N L	STAFF

BIOPH 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING; CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

11941	CONF	ARR	STAFF

BIOPH 499 THESIS RESEARCH.
0 TO 4 UNITS.

11958	CONF	ARR	STAFF

BOTANY

DEPARTMENT OFFICE 297 MOR HALL

MAJOR: TWENTY HOURS OF BOTANY, EXCLUDING BOTANY 100, 101, AND BIOLOGY 110 AND 111, BUT INCLUDING BOTANY 260, 304, 330, AND 335 OR THEIR EQUIVALENT. THE BALANCE OF THE MINIMUM OF TWENTY HOURS MUST BE TAKEN IN OTHER 300-LEVEL COURSES. BIOLOGY 210 AND BOTANY 381 ARE STRONGLY RECOMMENDED.

IN ADDITION, ONE SEMESTER EACH OF ORGANIC CHEMISTRY, PHYSICS, AND ZOOLOGY IS REQUIRED. ONE ADDITIONAL SEMESTER OF PHYSICAL SCIENCE IS ALSO REQUIRED, BUT THIS MAY BE SELECTED FROM COURSES IN PHYSICS OR GEOLOGY.

CREDIT NOT TO EXCEED TWO HOURS IN BIOLOGY 203 MAY BE INCLUDED IN THE TWENTY HOURS OF CREDIT FOR THE MAJOR. BIOLOGY 110 AND 111, OR BIOLOGY 151 AND 251 ARE ACCEPTABLE PREREQUISITES FOR THOSE ADVANCED BOTANY COURSES THAT NOW REQUIRE BOTANY 100 OR 101 AND ZOOLOGY 104.

MINORS: TWENTY HOURS IN ONE OR TWO SUBJECTS CHOSEN IN CONSULTATION WITH THE CHAIRMAN OF THE DEPARTMENT FROM THE FOLLOWING: AGRONOMY, CHEMISTRY, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, HORTICULTURE, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PLANT PATHOLOGY, AND ZOOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

IF HORTICULTURE IS CHOSEN AS A MINOR, NOT MORE THAN TEN HOURS MAY BE COUNTED. THE TEN HOURS MAY BE CHOSEN FROM HORTICULTURE 100, 110, 230 OR 233, 242, 262, AND 321 OR 322.

COURSES FOR UNDERGRADUATES

BOT 100 GENERAL BOTANY.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.
*4 HOURS.

11965	LECT	1	8	TU TH	228	N H B	HANEY, TUVESON
11972	LECT	2	9	TU TH	228	N H B	HANEY, TUVESON
11980	LAB-DISC	M	9-12	TU	258	N H B	STAFF
11997	LAB-DISC	R	1-4	TU	258	N H B	STAFF
12000	LAB-DISC	B	9-12	W	258	N H B	STAFF
12017	LAB-DISC	E	1-4	W	258	N H B	STAFF
12024	LAB-DISC	MM	9-12	TH	258	N H B	STAFF
12031	LAB-DISC	RR	1-4	TH	258	N H B	STAFF
12049	LAB-DISC	BB	9-12	F	258	N H B	STAFF
12056	LAB-DISC	EE	1-4	F	258	N H B	STAFF

BOT 101 GENERAL BOTANY FOR SELECTED STUDENTS.
PREREQUISITE: JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.
*5 HOURS.

12063	LAB-DISC	&A	1-3	M W F	250	N H B	SEIGLER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

BOT 300 INDIVIDUAL TOPICS.
PREREQUISITE: BOT. 100, TEN HOURS OF ADVANCED WORK IN BOTANY OR ANOTHER BIOLOGICAL SCIENCE, SENIOR STANDING.
*GRADUATE STUDENTS MAY OFFER 1 UNIT TOWARD M. S.
*2 TO 5 HOURS, OR 1/4 TO 1/2 UNIT.

12071	CONF	ARR	STAFF

BOT 304 GENERAL PLANT MORPHOLOGY.
PREREQUISITE: BOT. 100 OR BIOL. 110 AND 111, OR BIOL. 100 AND 101, OR BIOL. 151 AND 251 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

12088	LECT	8	TU TH	408	N H B	CAROTHERS,
	LAB	9-11	TU TH	408	N H B	HOFFMAN

BOT 325 PALEOBOTANY.
SAME AS GEOL. 325.
PREREQUISITE: BOT. 100 OR BIOL. 100 AND 101, GEOL. 101 OR CONSENT OF INSTRUCTOR.
2 OR 3 FIELD TRIPS.
5 HOURS OR 1 UNIT.

12095	LAB-DISC	1-4	TU TH	306	N H B	PHILLIPS

BOT 330 PLANT PHYSIOLOGY.
PREREQUISITE: CHEM. 133 AND BOT. 100 OR BIOL. 110 AND 111 OR BIOL. 100 AND 101 OR BIOL. 151 AND 251.
3 HOURS OR 1/2 UNIT.

12106	LECT	9	M W F	231	N H B	BOYER, GOVINDJEE, NANCE

BOT 331 EXPERIMENTAL CYTOLOGY.
SAME AS ZOOL. 331.
PREREQUISITE: BIOL. 210 OR BIOL. 151 OR 251; CONSENT OF INSTRUCTOR
3 HOURS OR 3/4 UNIT.

12113	LECT	10	TU TH	136	BUR HALL	STEFFENSEN DAVENPORT

BOT 333 PLANT PHYSIOLOGY LABORATORY.
SAME AS HORT. 333.
PREREQUISITE: CREDIT OR REGISTRATION IN BOT. 330 OR EQUIVALENT; A COURSE IN ORGANIC CHEMISTRY.
3 HOURS OR 3/4 UNIT.

12121	LECT-DISC		10	S	405	N H B	NANCE AND
12138	LAB	M	9-12	TU TH	405	N H B	DICKINSON,
12145	LAB	R	1-4	TU TH	405	N H B	

BOT 334 EXPERIMENTAL CYTOLOGY LABORATORY.
SAME AS ZOOL. 334.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

12152	LAB	2-5	TU TH	106	H H	STEFFENSEN, DAVENPORT

BOT 351 VIRUSES, I.
SAME AS MCBIO. AND ZOOL. 351.
PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY, CALCULUS AND GENETICS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

12160	LECT	11	M W F	140	BUR HALL	DRAKE

BOT 381 PLANT ECOLOGY.
PREREQUISITE: BOT. 260 OR EQUIVALENT.
FIELD TRIPS.
5 HOURS OR 1 UNIT.

12177	LECT	10	M W F	308	N H B	BAZZAZ
	LAB	8-12	S	308	N H B	BAZZAZ

COURSES FOR GRADUATES

BOT 405 MOLECULAR GENETICS.
SAME AS MCBIO. AND ZOOL. 405.
PREREQUISITE: MCBIO. 330; OR MCBIO. 316 PLUS BIOCHEMISTRY; OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

12184	LECT	1	M W F	136	BUR HALL	WOESE

BOT 410 BOTANY DISCUSSIONS.
*NO CREDIT GIVEN EXCEPT FOR STUDENTS PRESENTING RESULTS OF THEIR PH. D. THESIS RESEARCH.
*0 OR 1/4 UNIT.

12191	LECT-DISC	4	TU	124	BUR HALL	BLACK

BOT 413 DISCUSSIONS IN PLANT PHYSIOLOGY.
1/4 UNIT.

12202	LECT-DISC	12	F	140	BUR HALL	ARNTZEN

BOT 414 DISCUSSIONS IN PLANT MORPHOLOGY AND TAXONOMY.
1/4 UNIT.

12210	LECT-DISC	4	W	304	N H B	SEIGLER

BOT 418 DISCUSSIONS IN PLANT ECOLOGY AND PLANT GEOGRAPHY.
PREREQUISITE: GRADUATE STANDING IN BOTANY, ENTOMOLOGY, GEOGRAPHY, OR ZOOLOGY.
*STUDENTS MAY ACCUMULATE 1 1/2 UNITS.
*1/4 UNIT.

12227	LECT-DISC	4	M	308	N H B	STAFF

BOT 419 DISCUSSIONS IN PHOTOSYNTHESIS AND RELATED TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

12234	LECT-DISC	4	W	140	BUR HALL	ARNTZEN, GOVINDJEE

BOT 427 DISCUSSIONS IN MYCOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 UNIT.

12241	LECT-DISC	3	W	408	N H B	ROGERS, TUVESON

BOT 460 ADVANCED TAXONOMY OF FLOWERING PLANTS, I.
PREREQUISITE: BOT. 260 OR ONE YEAR OF BOTANY OR OTHER BIOLOGICAL SCIENCE, OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

12259	LECT	9	TU TH	304	N H B	PAYNE
	LAB-DISC	10-12	TU TH	304	N H B	PAYNE

BOT 471 ADVANCED MYCOLOGY--SPECIAL GROUPS.
PREREQUISITE: BOT. 372 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

12266	LAB-DISC	3	M	408	N H B	ROGERS

BOT 493 ADVANCED STUDIES IN BOTANY.
* NOT MORE THAN 1 UNIT MAY BE APPLIED TOWARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF 3 UNITS OF COURSE WORK.
*1/2 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:

A--ANATOMY	CAROTHERS
B--BIOCHEMICAL CYTOLOGY	STEFFENSEN
C--BIOLOGICAL RHYTHMS	SARGENT
D--CYTOGENETICS & SPECIATION	DEWET
E--ECOLOGY	BAZZAZ, HANEY
F--GENETICS	COX, LAUGHNAN, TUVESON SARGENT
G--MORPHOGENESIS-DEVELOPMENT	SARGENT, VANDERHOEF
H--MORPHOLOGY	CAROTHERS, PHILLIPS
I--MYCOLOGY	ROGERS, TUVESON
J--PALEOBOTANY	PHILLIPS
K--PHOTOSYNTHESIS	ARNTZEN, GOVINDJEE, SYBESMA
L--PHYCOLOGY	HOFFMAN
M--PHYSIOLOGY	BOYER, DICKINSON, GOVINDJEE, HANSON, NANCE, AND VANDERHOEF
N--TAXONOMY	PAYNE, SEIGLER
O--ULTRASTRUCTURE	ARNTZEN, CAROTHERS, HOFFMAN
P--VIROLOGY	BLACK, MACLEOD, REICHMAN

12273	LAB	ARR				STAFF

BOT 499 THESIS RESEARCH.
0 TO 4 UNITS.

12281	LAB	ARR				STAFF

DEPARTMENT OFFICE 350 COM W

COURSES FOR GRADUATES

BUS 499 THESIS RESEARCH
0 TO 4 UNITS.

12298	CONF	1	M W F	170	COM W

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION--350 COM W

COURSES FOR UNDERGRADUATES

B ADM 190 MOTIVATION AND RESPONSIBILITY IN BUSINESS.
PREREQUISITE: FRESHMEN PARTICIPATING IN AN HONORS PROGRAM.
3 HOURS.

12309	LECT-DISC	10-12	TU	96	COM W

B ADM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

12316	CONF	ARR			

COURSES FOR ADVANCED UNDERGRADUATES

B ADM 200 THE LEGAL ENVIRONMENT OF BUSINESS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.
*SECTION &B OPEN TO HONORS STUDENTS ONLY.
STUDENTS MUST REGISTER FOR ONE LECTURE AND ANY ONE DISCUSSION SECTION.

12323	LECT	1	9	M	141	COM W
12331	LECT	2	9	TU	101	ARMORY
12444	DISC	*&B	9	W F	329	ARMORY
12348	DISC	M	9	TU TH	160	COM W
12355	DISC	N1	10	TU TH	160	COM W
12362	DISC	N2	10	TU TH	236	COM W
12370	DISC	P1	11	TU TH	160	COM W
12387	DISC	P2	11	TU TH	236	COM W
12394	DISC	P3	11	TU TH	106	D K H
12405	DISC	R1	1	TU TH	236	COM W
12412	DISC	R2	1	TU TH	28	COM W
12420	DISC	S1	2	TU TH	236	COM W
12437	DISC	S2	2	TU TH	28	COM W

B ADM 201 BASIC PRINCIPLES OF BUSINESS LAW.
PREREQUISITE: JUNIOR STANDING; ACCY. 105; ECON. 102.
*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 201 IN ADDITION TO B. ADM. 261.
*3 HOURS.

12451	LECT-DISC	D	11	M W F	160	COM W
12469	LECT-DISC	E	1	M W F	122	D K H

B ADM 202 PRINCIPLES OF MARKETING.
PREREQUISITE: ECON. 172 OR EQUIVALENT.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 202 AND B. ADM. 272.
*3 HOURS.
SECTION &N1 OPEN TO HONORS STUDENTS ONLY.

12476	LECT	1	11	M W	141	COM W
12483	DISC	M	9	TU TH	243	COM W
12597	DISC	&N1	10	TU TH	166	COM W
12491	DISC	N2	10	TU TH	122	D K H
12501	DISC	N3	10	TU TH	113	D K H
12519	DISC	N4	10	TU TH	209	D K H
12526	DISC	P1	11	TU TH	40	COM W
12533	DISC	P2	11	TU TH	166	COM W
12541	DISC	P3	11	TU TH	113	D K H
12558	DISC	R1	1	TU TH	122	D K H
12565	DISC	R2	1	TU TH	120	COM W
12572	DISC	S1	2	TU TH	122	D K H
12580	DISC	S2	2	TU TH	120	COM W

B ADM 203 PRINCIPLES OF BUSINESS LAW.
PREREQUISITE: B. ADM. 200.
4 HOURS.

12608	LECT-DISC		1	M W	166	COM W
			1	TU TH	241	COM W

B ADM 206 MARKETING ENVIRONMENT.
PREREQUISITE: B. ADM. 202.
3 HOURS.

12615	LECT-DISC		8	M W F	166	COM W

B ADM 210 MANAGEMENT AND ORGANIZATIONAL BEHAVIOR.
PREREQUISITE: JUNIOR STANDING.
*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 210 AND B. ADM. 247.
*3 HOURS.

12622	LECT	1	11	TU	141	COM W
12630	DISC	B1	9	W F	317A	D K H
12647	DISC	B2	9	W F	328	D K H
12654	DISC	C1	10	W F	328	D K H
12661	DISC	C2	10	W F	160	COM W
12679	DISC	D1	11	W F	170	COM W
12686	DISC	D2	11	W F	241	COM W
12693	DISC	R1	1	TU TH	24	COM W
12704	DISC	R2	1	TU TH	126	COM W
12711	DISC	S1	2	TU TH	24	COM W
12729	DISC	S2	2	TU TH	126	COM W
12736	DISC	T1	3	TU TH	160	COM W
12743	DISC	T2	3	TU TH	166	COM W

B ADM 212 PRINCIPLES OF RETAILING.
PREREQUISITE: B. ADM. 202.
3 HOURS.
*SECTION C OPEN TO COMMERCE STUDENTS ONLY.

12751	LECT-DISC	B	9	M W F	160	COM W
12768	LECT-DISC	*C	10	M W F	21	D K H

B ADM 247 INTRODUCTION TO MANAGEMENT.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: SOPHOMORE STANDING.
*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 247 AND B. ADM. 210.
*3 HOURS.

12775	LECT-DISC	D	11	M W F	166	COM W
12782	LECT-DISC	F	2	M W F	166	COM W

B ADM 249 HUMAN RELATIONS.
FOR NON-COMMERCE MAJORS ONLY.
PREREQUISITE: B. ADM. 210 OR 247.
3 HOURS.

12790	LECT-DISC		2	M W F	160	COM W

B ADM 261 SUMMARY OF BUSINESS LAW.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION TO B. ADM. 201.
*3 HOURS.

12801	LECT-DISC	B	9	M	W	F	122	D K H
12818	LECT-DISC	C	10	M	W	F	122	D K H
12825	LECT-DISC	D	11	M	W	F	122	D K H

B ADM 272 INDUSTRIAL SELLING.
FOR NON-COMMERCE STUDENTS.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 272 AND B. ADM. 202
*3 HOURS.

12832	LECT-DISC		1	M	W	F	160	COM W

B ADM 294 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
2 TO 4 HOURS.

12840	CONF	L	8-10		TH		241	COM W
12857	LECT-DISC	R	1-230		TU TH		160	COM W

B ADM 295 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.
2 TO 4 HOURS.

12864	CONF		10-12		TH		125	D K H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

B ADM 301 THE LAW OF THE UNIFORM COMMERCIAL CODE.
PREREQUISITE: B. ADM. 201 OR 261; SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT.

12871	LECT-DISC	F	2	M	W	F	122	D K H
12889	LECT-DISC	G	3	M	W	F	122	D K H

B ADM 314 PRODUCTION.
PREREQUISITE: B. ADM. 374 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

12896	LECT-DISC		10-1130		TU TH		130	COM W

B ADM 315 MANAGEMENT IN MANUFACTURING.
PREREQUISITE: B. ADM. 314.
3 HOURS OR 1/2 UNIT.

12907	LECT-DISC		10	M	W	F	241	COM W

B ADM 320 MARKETING RESEARCH.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

12914	LECT-DISC	D	11	M	W	F	226	COM W
12921	LECT-DISC	M	9-1030		TU TH		226	COM W

B ADM 321 INDUSTRIAL SOCIAL SYSTEMS, I.
SAME AS L. I. R. 321.
PREREQUISITE: B. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

12939	LECT-DISC	A	8	M	W	F	224	D K H
12946	LECT-DISC	C	10	M	W	F	125	D K H

B ADM 323 INDUSTRIAL SOCIAL SYSTEMS, II.
PREREQUISITE: B. ADM. 321 AND PSYCH 201.
3 HOURS, OR 1/2 TO 1 UNIT.

12953	LECT-DISC		9	M	W	F	166	COM W

B ADM 337 ADVERTISING AND SALES MANAGEMENT.
PREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

12961	LECT-DISC	B	9	M	W	F	241	COM W
12978	LECT-DISC	N	1030-12		TU TH		226	COM W

B ADM 344 CONSUMER BEHAVIOR.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

12985	LECT-DISC	C	10	M W F	166	COM W
12992	LECT-DISC	L	830-10	TU TH	166	COM W

B ADM 351 PERSONNEL ADMINISTRATION.
PREREQUISITE: B. ADM. 323, AND ECON. 173 AND 240.
*CREDIT WILL NOT BE GIVEN FOR B. ADM. 351 AND PSYCH. 145 OR 245 AND I. ADM. 448 OR 449.
*3 HOURS, OR 1/2 TO 1 UNIT.

13005	LECT-DISC		1	M W F	337	ARMORY

B ADM 370 INTERNATIONAL MARKETING.
PREREQUISITE: B. ADM. 202: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

13012	LECT-DISC		2	M W F	170	COM W

B ADM 373 ELECTRONIC DATA PROCESSING FOR BUSINESS.
PREREQUISITE: ECON. 170, ACCY. 106 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT.

13020	LECT-DISC		3-430	M F	110	D K H

B ADM 374 OPERATIONS RESEARCH.
PREREQUISITE: ECON. 173 AND B. ADM. 210, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

13037	LECT-DISC	B	9	M W F	226	COM W
13044	LECT-DISC	E	1	M W F	166	EDUC

B ADM 380 ADVANCED MARKETING MANAGEMENT.
PREREQUISITE: B. ADM. 320 AND 337.
3 HOURS OR 1/2 UNIT.

13051	LECT-DISC		1	M W F	241	COM W

B ADM 389 BUSINESS POLICY.
PREREQUISITE: B. ADM 321 OR 344, B. ADM. 374 AND SENIOR STANDING.
3 HOURS OR 1/2 UNIT.

13069	LECT-DISC		3	M W F	243	COM W

COURSES FOR GRADUATES

B ADM 401 SCIENTIFIC MANAGEMENT, I.
SAME AS I. E. 401.
PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR.
1 UNIT.

13076	LECT-DISC		3-5	TU TH	204	M E L

B ADM 405 MARKETING THEORY AND SYSTEMS.
1 UNIT.

13083	LECT-DISC		10-12	TU	118	L H

B ADM 408 FOUNDATIONS OF BEHAVIORAL SCIENCE FOR ADMINISTRATION.
*CREDIT WILL NOT BE GIVEN FOR BOTH B. ADM. 408 AND 510.
*1 UNIT.

13091	LECT-DISC	C1	10-12	W	243	COM W
13101	LECT-DISC	C2	10-12	W	236	COM W

B ADM 410 ORGANIZATIONAL SCIENCES, I.
SAME AS POL. S. 460, PSYCH. 453, AND SOC. 456.
PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR.
1 UNIT.

13119	LECT-DISC		10-12	M	96	COM W

B ADM 415 FOUNDATIONS OF CONSUMER BEHAVIOR.
1 UNIT.

13126	LECT-DISC		10-12	F	96	COM W

B ADM 421 MARKETING STRATEGY: THEORETICAL FOUNDATIONS.
1 UNIT.

13133	LECT-DISC		830-10	M F	96	COM W

B ADM 448 PROBLEMS OF PERSONNEL MANAGEMENT.
SAME AS L. I. R. 448.
PREREQUISITE: B. ADM. 248 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

13141	LECT-DISC		10-12	W	96	COM W

B ADM 471 SURVEY METHODS IN MARKETING RESEARCH.
SAME AS SOC. 474.
PREREQUISITE: ECON. 171 OR EQUIVALENT.
1 UNIT.

13158	LECT-DISC		1-3	TH	96	COM W

B ADM 472 MULTIVARIATE METHODS IN MARKETING.
PREREQUISITE: ECON. 470 OR EQUIVALENT.
1 UNIT.

13165	LECT-DISC		2-4	M	21	D K H

B ADM 474 OPERATIONS RESEARCH.
PREREQUISITE: MATH. 363 AND B. ADM. 374 OR EQUIVALENT.
1 UNIT.

13172	LECT-DISC		10-12	M F	304	G H

B ADM 490 SEMINAR IN BUSINESS ADMINISTRATION.
1 UNIT.

13180	CONF		ARR			

B ADM 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
1/4 TO 1 UNIT.

13197	CONF		10	M W F	170	COM W

B ADM 493 RESEARCH IN SPECIAL FIELDS.
1/4 TO 2 UNITS.

13208	CONF		ARR			

B ADM 499 THESIS RESEARCH.
0 TO 4 UNITS.

13215	CONF		1-3	W	243	COM W

B ADM 500 ECONOMIC ANALYSIS OF THE FIRM.
1 UNIT.

13222	LECT-DISC	C1	10-12	M F	243	COM W
13230	LECT-DISC	E	1-3	M F	382	EDUC

B ADM 501 THE ECONOMIC ENVIRONMENT.
1 UNIT.

13247	LECT-DISC		1	M W	130	COM W

B ADM 512 BUSINESS ORGANIZATION AND ITS ENVIRONMENT.
PREREQUISITE: B. ADM. 511.
1 UNIT.

13254	LECT-DISC		8-10	M F	243	COM W

B ADM 522 QUANTITATIVE ANALYSIS FOR MARKETING DECISIONS.
PREREQUISITE: B. ADM. 520 OR EQUIVALENT.
1 UNIT.

13261	LECT-DISC		830-10	M F	170	COM W

B ADM 524 MARKET DEVELOPMENT.
PREREQUISITE: B. ADM. 522 OR EQUIVALENT.
1 UNIT.

13279	LECT-DISC		1-3	W F	96	COM W

B ADM 531 PRODUCTION MANAGEMENT.
1 UNIT.

13286	LECT-DISC		1-3	M F	243	COM W

B ADM 532 PRODUCTION PLANNING AND CONTROL.
PREREQUISITE: FIRST YEAR OF THE M.B.A. PROGRAM.
1 UNIT.

13293	LECT-DISC		8-10	TU TH	96	COM W

B ADM 543 THE LAW AND BUSINESS POLICY.
1 UNIT.

13304	LECT-DISC		10-12	M	F	236 COM W

B ADM 544 BUSINESS POLICY AND PLANNING.
PREREQUISITE: B. ADM. 408, 520, 531, 551, OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH B. ADM. 544 AND B. ADM. 389.
*1 UNIT.

13311	LECT-DISC		10-12	TU TH		241 COM W

B ADM 551 FINANCIAL MANAGEMENT.
1 UNIT.

13329	LECT-DISC		3-5	M	F	241 COM W

B ADM 552 FINANCIAL MANAGEMENT AND CONTROL, I.
PREREQUISITE: B. ADM. 551.
1 UNIT.

13336	LECT-DISC		3-5	M	F	170 COM W

B ADM 560 MANAGERIAL ACCOUNTING AND CONTROL.
1 UNIT.
*SECTION N2 OPEN TO STUDENTS WITH PRIOR ACCOUNTING BACKGROUND.

13343	LECT-DISC	N1	10-12	TU TH	243 COM W
13351	LECT-DISC	*N2	10-12	TU TH	170 COM W

B ADM 562 INDUSTRIAL COST CONTROL.
PREREQUISITE: B. ADM. 560.
1 UNIT.

13368	LECT-DISC		8-10	TU TH	236 COM W

B ADM 572 MODERN AND CLASSICAL STATISTICS FOR BUSINESS DECISIONS.
PREREQUISITE: B. ADM. 570.
1 UNIT.

13375	LECT-DISC	R1	1-3	TU TH	243 COM W
13382	LECT-DISC	R2	1-3	TU TH	170 COM W

B ADM 573 THE QUANTITATIVE ANALYSIS OF DECISIONS.
PREREQUISITE: B. ADM. 570.
1 UNIT.
*SECTION C IS A SPECIAL SECTION FOR OPERATIONS RESEARCH MAJORS.

13390	LECT-DISC	L	8-10	TU TH	170 COM W
13401	LECT-DISC	*C	10-12	M F	304 G H

B ADM 576 BUSINESS FORECASTING AND ECONOMETRICS.
PREREQUISITE: B. ADM. 572.
1 UNIT.

13418	LECT-DISC		8-10	M F	236 COM W

B ADM 577 ECONOMICS OF DECISION MAKING.
PREREQUISITE: B. ADM. 572.
1 UNIT.

13425	LECT-DISC		1-3	TU TH	166 COM W

B ADM 578 STOCHASTIC MODELS IN MANAGEMENT SCIENCE.
PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT.
1 UNIT.

13432	LECT-DISC		1-3	M F	236 COM W

B ADM 582 INTERNATIONAL BUSINESS OPERATIONS, I.
PREREQUISITE: SECOND YEAR M.B.A. STANDING.
1 UNIT.

13440	LECT-DISC		2	M W F	170 COM W

B ADM 590 INDEPENDENT STUDY AND RESEARCH.
1/2 TO 1 UNIT.

13457	CONF	F	2	W	241 COM W
13464	CONF	G	3-5	W	241 COM W

B ADM 599 THESIS RESEARCH.
0 TO 4 UNITS.

13471	CONF	APP

DEPARTMENT OFFICE 203 CER

COURSES FOR UNDERGRADUATES

CER E 101 CERAMIC CRYSTAL CHEMISTRY.
PREREQUISITE: SOPHOMORE STANDING.
3 HOURS.

13489	LECT		9	M W F	218	CER	FRIEDBERG

CER E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

13496	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

CER E 205 PHASE EQUILIBRIA IN CERAMIC SYSTEMS.
PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 245 OR CONSENT OF INSTRUCTOR.
3 HOURS.

13507	LECT-DISC		8-10	TU TH	218	CER	BERGERON

CER E 214 CHEMISTRY AND TECHNOLOGY OF GLASS.
PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING, CHEMISTRY, OR PHYSICS.
3 HOURS.

13514	LECT		1	M W	218	CER	TOOLEY
13521	LAB	A	2-5	M	111	CER	TOOLEY
13539	LAB	B	2-5	W	111	CER	TOOLEY

CER E 221 PYROMETRY.
PREREQUISITE: JUNIOR STANDING, SOPHOMORE PHYSICS.
2 HOURS.

13546	LECT		11	TH	218	CER	WILLMORE
13553	LAB	A	2-5	TU	317	CER	WILLMORE
13561	LAB	B	2-5	TH	317	CER	WILLMORE
13578	LAB	C	ARR		317	CER	WILLMORE

CER E 271 DESIGN OF HIGH TEMPERATURE SYSTEMS.
PREREQUISITE: CER. E. 208, T. A. M. 221.
3 HOURS.

13585	LECT-DISC		3-5	M W F	218	CER	NELSON

CER E 295 RESEARCH AND DEVELOPMENT METHODS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.

13592	LECT		9	TU TH	319	CER	TOOLEY

CER E 298 SPECIAL PROBLEM.
PREREQUISITE: SENIOR STANDING.
1 TO 2 HOURS.

13603	CONF		ARR				STAFF

CER E 299 SENIOR THESIS.
PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0 OR BETTER.
*STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS. TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED.
*1 TO 5 HOURS.

13611	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CER E 307 THERMAL AND MECHANICAL PROPERTIES OF CERAMIC MATERIALS.
PREREQUISITE: CER. E. 216, CER. E. 331, T. A. M. 154, AND T. A. M. 221.
3 HOURS OR 3/4 UNIT.

13628	LECT		8	M W	319	CER	BROWN
13635	LAB	A	9-12	M	114	CER	BROWN
13642	LAB	B	2-5	TH	114	CER	BROWN

CER E 309 WHITEWARE MATERIALS.
PREREQUISITE: CER. E. 206 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

13650	LECT		10	TU TH	218	CER		COOK
13667	LAB	A	2-5	TU	113	CER		COOK
13674	LAB	B	9-12	F	113	CER		COOK

CER E 311 CERAMIC X-RAY ANALYSIS.
PREREQUISITE: C. S. 101 AND SENIOR STANDING IN ENGINEERING, CHEMISTRY, GEOLOGY, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

13681	LECT		1	TU TH	320	CER		WIRTZ
13699	LAB	A	2-5	TU	316	CER		WIRTZ
13700	LAB	B	2-5	TH	316	CER		WIRTZ

CER E 320 ADVANCED PORCELAIN ENAMELS.
PREREQUISITE: CER. E. 222 OR CONSENT OF INSTRUCTOR.
2 TO 3 HOURS, OR 1/2 TO 3/4 UNIT.

13717	LECT		11	W	319	CER		COOK
	LAB		2-5	TH	102	CER		COOK

CER E 331 CERAMIC MICROSCOPY.
PREREQUISITE: CER. E. 205 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

13724	LECT		2	TU	322	CER		ALLEN
	LAB		3-6	TU	322	CER		ALLEN
			8-10	TH	322	CER		ALLEN

COURSES FOR GRADUATES

CER E 401 CERAMIC CHEMISTRY.
PREREQUISITE: COURSES IN CHEMISTRY AND PHYSICS.
1 UNIT.

13731	LECT-DISC		ARR					

CER E 405 GLASS TECHNOLOGY.
PREREQUISITE: CER. E. 301 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
*FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
*3/4 TO 1 UNIT.

13749	LECT-DISC		11	TU TH	214	CER		TOOLEY

CER E 410 DIELECTRIC PROPERTIES OF CERAMIC MATERIALS.
PREREQUISITE: MATH. 345, 343, OR CONSENT OF INSTRUCTOR.
*FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
*3/4 TO 1 UNIT.

13756	LECT		10	W F	218	CER		

CER E 421 REFRACTORY MATERIALS ENGINEERING.
PREREQUISITE: CER. E. 310 OR CONSENT OF INSTRUCTOR.
1 UNIT.

13763	LECT-DISC		10	M W F	322	CER		ALLEN

CER E 461 MINERALOGY OF CLAYS.
SAME AS GEOL. 461.
PREREQUISITE: GEOL. 336 OR EQUIVALENT; CONSENT OF INSTRUCTOR.
1 UNIT.

13771	LECT		10	M W F	109	N H B		GUBEN
	LAB		ARR					

CER E 495 MATERIALS AND SPECIAL PROBLEMS.
PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
0 TO 2 UNITS.

13788	LECT-DISC		ARR					

INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ

CER E 498 SEMINAR IN CERAMICS.
REGISTRATION REQUIRED OF ALL GRADUATE STUDENTS IN CERAMIC ENGINEERING.
PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.

13795	LECT		2	F	218	CER		

CER E 499 THESIS RESEARCH.
PREREQUISITE: CER. E. 311, GRADUATE STANDING IN CERAMIC ENGINEERING.
0 TO 4 UNITS.
13806 CONF ARR
INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CHEMICAL ENGINEERING

DEPARTMENT OFFICE 113 EAST CHEMISTRY

COURSES FOR UNDERGRADUATES

CH E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
13813 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

CH E 261 INTRODUCTION TO CHEMICAL ENGINEERING.
PREREQUISITE: CHEM. 102 OR 108.
3 HOURS.

13821	LECT-DISC	9	M W F	109	E C		KOZINSKI

CH E 290 THESIS.
LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING CURRICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF THE DEPARTMENT.
2 TO 6 HOURS.
13838 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CH E 370 CHEMICAL ENGINEERING THERMODYNAMICS.
PREREQUISITE: CH. E. 261.
3 HOURS OR 1/2 UNIT.

13845	LECT	11	M W F	115	E C		HANRATTY

CH E 373 MASS TRANSFER OPERATIONS.
PREREQUISITE: CH. E. 371, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

13852	LECT	9	M W F	115	E C		ALKIRE

CH E 374 CHEMICAL ENGINEERING LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373.
3 HOURS OR 1/2 UNIT.
*ONE HOUR TO BE ARRANGED.

13860	QUIZ	A	*ARR				KOZINSKI
	LAB	A	*1-6	M	8	E C	
13877	QUIZ	B	*ARR				
	LAB	B	*1-6	TH	8	E C	

CH E 377 DYNAMICS AND CONTROL OF CHEMICAL SYSTEMS.
PREREQUISITE: CH. E. 371, MATH. 345, AND C. S. 101.
3 HOURS OR 3/4 UNIT.

13884	LECT	11	TU TH	109	E C		SANI
	LAB	1-5	W	201	E C		

CH E 379 CHEMICAL ENGINEERING PROJECTS.
PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.
2 HOURS OR 1/2 UNIT.

13891	LAB	1-6	M	294	E C		SANI

CH E 380 HEAT, MASS, AND MOMENTUM TRANSPORT.
PREREQUISITE: MATH. 343 OR 345, CH. E. 371, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

13902	LECT	830-10	TU TH	101	E C	HUDSON

COURSES FOR GRADUATES

CH E 465 CHEMICAL ENGINEERING SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL ENGINEERING.
PREREQUISITE: CH. E. 373.
1/4 UNIT.

13910	LECT-DISC	4	TU	116	E C	WESTWATER

CH E 466 APPLIED MATHEMATICS IN CHEMICAL ENGINEERING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

13927	LECT	10	TU TH	115	E C	SCHMITZ

CH E 468 PROPERTIES OF FLUIDS
PREREQUISITE: BACKGROUND IN MODERN PHYSICAL CHEMISTRY AND PHYSICS, AND CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

13934	LECT	9	M W	101	E C	DRICKAMER

CH E 499 THESIS RESEARCH.
0 TO 4 UNITS.
INSTRUCTORS: ALKIRE, DRICKAMER, ECKERT, HANRATTY, HUDSON, KOZINSKI, SANI, SCHMITZ, WESTWATER.

13941	CONF	ARR				STAFF

CHEMISTRY

DEPARTMENT OFFICE 106 NOYES LAB

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE UNDERGRADUATE COURSES CATALOG.

COURSES FOR UNDERGRADUATES

CHEM 100 INTRODUCTORY CHEMISTRY.
NO PREVIOUS CREDIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.
PREREQUISITE: TWO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS, OR CREDIT OR REGISTRATION IN MATH. 111 OR 112.
2 HOURS.
ATTENDANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS (UNSCHEDULED) IN AUDIO-TUTORIAL FACILITY (308 N. L.) IS REQUIRED WEEKLY.
*QUIZ SECTION N IS FOR STUDENTS WITH EXCEPTIONALLY POOR BACKGROUNDS IN CHEMISTRY AND MATHEMATICS.

13959	LECT		10	M W		100	N L	ROGERS
	LAB		ARR			308	N L	
13966	QUIZ	A	10		F	201	N L	
13973	QUIZ	B	9		F	201	N L	
13981	QUIZ	C	10		F	103	N L	
13998	QUIZ	D	10		F	210	C A	
14001	QUIZ	E	10		F	164	N L	
14018	QUIZ	F	1		F	201	N L	
14025	QUIZ	G	2		F	201	N L	
14032	QUIZ	H	1		F	195	N L	
14040	QUIZ	J	9		F	103	N L	
14057	QUIZ	K	2		F	111	N L	
14064	QUIZ	L	9		F	204	N L	
14071	QUIZ	M	3		F	199	E C	
14089	QUIZ	*N	1	M W	F	103	N L	

CHEM 101 GENERAL CHEMISTRY.

FOR STUDENTS WHO HAVE SOME PRIOR KNOWLEDGE OF CHEMISTRY.
PREREQUISITE: CREDIT FOR OR EXEMPTION FROM MATH. 111 OR 112.
4 HOURS.
A STUDENT MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION EXCEPT THOSE WISHING TO REGISTER IN SECTIONS 79X, 80X, 81X, OR 82X.
LECTURES D, E, AND F ARE TV LECTURES.
*SPECIAL EMPHASIS FOR COLLEGE OF AGRICULTUFE STUDENTS.

14096	QUIZ	2A	3	TU TH	103	N	L
	LAB	2A	9-12	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14107	QUIZ	3A	3	W F	101	E	C
	LAB	3A	9-12	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14114	QUIZ	4A	10	M W	164	N	L
	LAB	4A	2-5	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14121	QUIZ	5A	11	TU TH	111	N	L
	LAB	5A	2-5	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14819	QUIZ	*6A	3	TU TH	164	N	L
	LAB	*6A	9-12	W	201	C	A
	LECT	*A	10	TU TH	100	N	L
14826	QUIZ	*7A	3	W F	19S	N	L
	LAB	*7A	9-12	W	101	C	A
	LECT	*A	10	TU TH	100	N	L
14139	QUIZ	8A	4	M W	161	N	L
	LAB	8A	9-12	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14833	QUIZ	*9A	10	M W	193	E	C
	LAB	*9A	2-5	W	101	C	A
	LECT	*A	10	TU TH	100	N	L
14146	QUIZ	10A	10	W F	300	N	L
	LAB	10A	2-5	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14153	QUIZ	11A	3	M W	161	N	L
	LAB	11A	9-12	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14161	QUIZ	12A	12	M W	161	N	L
	LAB	12A	2-5	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14178	QUIZ	13A	12	TU TH	162	N	L
	LAB	13A	2-5	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14185	QUIZ	14A	2	M W	111	N	L
	LAB	14A	9-12	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14192	QUIZ	15A	3	M W	115	E	C
	LAB	15A	9-12	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14203	QUIZ	16A	12	TU TH	217	N	L
	LAB	16A	2-5	W	201	C	A
	LECT	A	10	TU TH	100	N	L
14211	QUIZ	17A	11	TU TH	19S	N	L
	LAB	17A	2-5	W	101	C	A
	LECT	A	10	TU TH	100	N	L
14228	QUIZ	18B	9	W F	19S	N	L
	LAB	18B	2-5	F	201	C	A
	LECT	B	11	TU TH	100	N	L
14841	QUIZ	*19B	11	W F	193	E	C
	LAB	*19B	2-5	F	201	C	A
	LECT	*B	11	TU TH	100	N	L
14235	QUIZ	20B	11	M W	164	N	L
	LAB	20B	9-12	F	1	C	A
	LECT	B	11	TU TH	100	N	L
14242	QUIZ	21B	1	TU TH	199	E	C
	LAB	21B	2-5	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14250	QUIZ	22B	2	W F	217	N	L
	LAB	22B	9-12	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14858	QUIZ	*23B	3	TU TH	19S	N	L
	LAB	*23B	9-12	F	101	C	A
	LECT	*B	11	TU TH	100	N	L
14267	QUIZ	24B	3	M W	199	E	C
	LAB	24B	2-5	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14274	QUIZ	25B	8	M W	193	E	C
	LAB	25B	2-5	F	1	C	A
	LECT	B	11	TU TH	100	N	L

CHEM 101 CONTINUED

14281	QUIZ	26B	12	M W	111	N	L
	LAB	26B	2-5	F	1	C	A
	LECT	B	11	TU TH	100	N	L
14299	QUIZ	27B	1	TU TH	19S	N	L
	LAB	27B	9-12	F	201	C	A
	LECT	B	11	TU TH	100	N	L
14300	QUIZ	28B	12	W F	101	E	C
	LAB	28B	2-5	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14317	QUIZ	29B	10	M W	103	N	L
	LAB	29B	9-12	F	201	C	A
	LECT	B	11	TU TH	100	N	L
14324	QUIZ	30B	8	TU TH	111	N	L
	LAB	30B	9-12	F	1	C	A
	LECT	B	11	TU TH	100	N	L
14865	QUIZ	*31B	2	TU TH	111	N	L
	LAB	*31B	2-5	F	201	C	A
	LECT	*B	11	TU TH	100	N	L
14331	QUIZ	32B	8	W F	162	N	L
	LAB	32B	9-12	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14349	QUIZ	33B	2	TU TH	164	N	L
	LAB	33B	2-5	F	101	C	A
	LECT	B	11	TU TH	100	N	L
14356	QUIZ	34C	12	W F	103	N	L
	LAB	34C	2-5	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14363	QUIZ	35C	2	W F	199	E	C
	LAB	35C	2-5	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14371	QUIZ	36C	12	TU TH	164	N	L
	LAB	36C	9-12	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14388	QUIZ	37C	9	W F	217	N	L
	LAB	37C	9-12	TH	1	C	A
	LECT	C	1	TU TH	100	N	L
14395	QUIZ	38C	9	W F	300	N	L
	LAB	38C	9-12	TH	1	C	A
	LECT	C	1	TU TH	100	N	L
14406	QUIZ	39C	1	M W	199	E	C
	LAB	39C	9-12	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14413	QUIZ	40C	8	TU TH	199	E	C
	LAB	40C	2-5	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14421	QUIZ	41C	10	W F	199	E	C
	LAB	41C	2-5	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14438	QUIZ	42C	8	W F	161	N	L
	LAB	42C	9-12	TH	1	C	A
	LECT	C	1	TU TH	100	N	L
14445	QUIZ	43C	9	M W	103	N	L
	LAB	43C	9-12	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14452	QUIZ	44C	1	W F	115	E	C
	LAB	44C	9-12	TH	101	C	A
	LECT	C	1	TU TH	100	N	L
14460	QUIZ	45C	12	TU TH	161	N	L
	LAB	45C	9-12	TH	201	C	A
	LECT	C	1	TU TH	100	N	L
14477	QUIZ	46C	3	M W	103	N	L
	LAB	46C	9-12	TH	201	C	A
	LECT	C	1	TU TH	100	N	L
14484	QUIZ	47C	1	M W	162	N	L
	LAB	47C	9-12	TH	201	C	A
	LECT	C	1	TU TH	100	N	L
14491	QUIZ	48C	1	W F	164	N	L
	LAB	48C	9-12	TH	1	C	A
	LECT	C	1	TU TH	100	N	L
14502	QUIZ	49C	3	TU TH	162	N	L
	LAB	49C	9-12	TH	201	C	A
	LECT	C	1	TU TH	100	N	L
14510	QUIZ	50D	11	TU TH	161	N	L
	LAB	50D	9-12	M	201	C	A
	LECT	D	9	TU TH	66	LIB	
14527	QUIZ	51D	11	TU TH	162	N	L
	LAB	51D	9-12	M	201	C	A
	LECT	D	9	TU TH	66	LIB	

CHEM 101 CONTINUED

14534	QUIZ	52D	8	M W	19S	N	L
	LAB	52D	2-5	M	201	C	A
	LECT	D	9	TU TH	66	LIB	
14541	QUIZ	53D	3	W F	217	N	L
	LAB	53D	2-5	M	201	C	A
	LECT	D	9	TU TH	66	LIB	
14559	QUIZ	54D	11	W F	103	N	L
	LAB	54D	2-5	F	1	C	A
	LECT	D	9	TU TH	66	LIB	
14566	QUIZ	55D	11	TU TH	103	N	L
	LAB	55D	2-5	M	201	C	A
	LECT	D	9	TU TH	66	LIB	
14573	QUIZ	56D	8	TU TH	161	N	L
	LAB	56D	2-5	TU	201	C	A
	LECT	D	9	TU TH	66	LIB	
14581	QUIZ	57D	3	TU TH	115	E	C
	LAB	57D	2-5	M	201	C	A
	LECT	D	9	TU TH	66	LIB	
14598	QUIZ	58D	1	TU TH	164	N	L
	LAB	58D	2-5	TU	201	C	A
	LECT	D	9	TU TH	66	LIB	
14609	QUIZ	59E	12	TU TH	19S	N	L
	LAB	59E	9-12	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14616	QUIZ	60E	9	W F	152	C	A
	LAB	60E	9-12	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14623	QUIZ	61E	9	W F	164	N	L
	LAB	61E	9-12	M	201	C	A
	LECT	E	9	TU TH	100	G	H
14631	QUIZ	62E	8	W F	199	E	C
	LAB	62E	9-12	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14648	QUIZ	63E	11	W F	152	C	A
	LAB	63E	9-12	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14655	QUIZ	64E	9	W F	193	E	C
	LAB	64E	2-5	TU	201	C	A
	LECT	E	9	TU TH	100	G	H
14662	QUIZ	65E	8	M W	101	E	C
	LAB	65E	9-12	M	201	C	A
	LECT	E	9	TU TH	100	G	H
14670	QUIZ	66E	8	M W	217	N	L
	LAB	66E	2-5	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14687	QUIZ	67E	8	TU TH	115	E	C
	LAB	67E	2-5	M	101	C	A
	LECT	E	9	TU TH	100	G	H
14694	QUIZ	68E	2	M W	115	E	C
	LAB	68E	2-5	TU	201	C	A
	LECT	E	9	TU TH	100	G	H
14705	QUIZ	69E	9	TU TH	115	E	C
	LAB	69E	2-5	M	101	C	A
	LECT	E	2	TU TH	100	G	H
14712	QUIZ	70E	2	W F	103	N	L
	LAB	70E	9-12	TU	201	C	A
	LECT	E	2	TU TH	100	G	H
14872	QUIZ	*71E	2	W F	116	E	C
	LAB	*71E	9-12	TU	201	C	A
	LECT	*E	2	TU TH	100	G	H
14880	QUIZ	*72E	3	W F	111	N	L
	LAB	*72E	9-12	TU	201	C	A
	LECT	*E	2	TU TH	100	G	H
14720	QUIZ	73E	2	W F	300	N	L
	LAB	73E	9-12	TU	101	C	A
	LECT	E	2	TU TH	100	G	H
14737	QUIZ	74E	2	W F	152	C	A
	LAB	74E	9-12	TU	101	C	A
	LECT	E	2	TU TH	100	G	H
14744	QUIZ	75E	8	M W	111	N	L
	LAB	75E	9-12	TU	101	C	A
	LECT	E	2	TU TH	100	G	H
14751	QUIZ	76E	1	M W	111	N	L
	LAB	76E	9-12	TU	101	C	A
	LECT	E	2	TU TH	100	G	H
14769	QUIZ	77E	11	W F	8	C	A
	LAB	77E	9-12	TU	201	C	A
	LECT	E	2	TU TH	100	G	H

CHEM 101 CONTINUED

14776	QUIZ	78F	3	W F	162	N	L
	LAB	78F	2-5	M	101	C	A
	LECT	F	2	TU TH	100	G	H
14897	LECT-DISC	*79X	12	MTUW F	9	C	A
	LAB	*79X	2-5	TH	1	C	A
14783	LECT-DISC	80X	1	MTUW F	9	C	A
	LAB	80X	2-5	TH	1	C	A
14791	LECT-DISC	81X	2	MTUW F	9	C	A
	LAB	81X	2-5	TH	1	C	A
14801	LECT-DISC	82X	3	MTUW F	9	C	A
	LAB	82X	2-5	TH	1	C	A

CHEM 102 GENERAL CHEMISTRY.

PREREQUISITE: CHEM. 101, OR 107, OR ADVANCED PLACEMENT CREDIT FOR ONE SEMESTER OF COLLEGE LEVEL CHEMISTRY.
4 HOURS.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION EXCEPT THOSE WISHING TO REGISTER IN SECTIONS 119, 120, 121, OR 122.
LECTURES R AND S ARE TV LECTURES.
*SPECIAL EMPHASIS FOR COLLEGE OF AGRICULTURE STUDENTS.

14908	QUIZ	103	8	TU TH	164	N	L
	LAB	103	1-4	TU	1	C	A
	LECT	R	11	TU TH	66	LIB	
14915	QUIZ	104	8	TU TH	193	E	C
	LAB	104	8-11	M	1	C	A
	LECT	R	11	TU TH	66	LIB	
14922	QUIZ	105	8	TU TH	195	N	L
	LAB	105	8-11	M	1	C	A
	LECT	R	11	TU TH	66	LIB	
14930	QUIZ	106	9	TU TH	164	N	L
	LAB	106	1-4	TU	1	C	A
	LECT	R	11	TU TH	66	LIB	
15045	QUIZ	*107	1	TU TH	111	N	L
	LAB	*107	1-4	M	1	C	A
	LECT	*R	11	TU TH	66	LIB	
15052	QUIZ	*108	3	TU TH	111	N	L
	LAB	*108	1-4	M	1	C	A
	LECT	*R	11	TU TH	66	LIB	
14947	QUIZ	109	3	W F	193	E	C
	LAB	109	8-11	M	1	C	A
	LECT	R	11	TU TH	66	LIB	
15060	QUIZ	*110	11	M W	300	N	L
	LAB	*110	1-4	M	1	C	A
	LECT	*S	11	TU TH	100	G	H
14954	QUIZ	111	12	M W	199	E	C
	LAB	111	8-11	W	1	C	A
	LECT	S	11	TU TH	100	G	H
14961	QUIZ	112	10	W F	152	C	A
	LAB	112	1-4	TU	1	C	A
	LECT	S	11	TU TH	100	G	H
14979	QUIZ	113	12	M W	162	N	L
	LAB	113	8-11	W	1	C	A
	LECT	S	11	TU TH	100	G	H
14986	QUIZ	114	1	W F	300	N	L
	LAB	114	8-11	W	1	C	A
	LECT	S	11	TU TH	100	G	H
14993	QUIZ	115	3	W F	164	N	L
	LAB	115	8-11	M	1	C	A
	LECT	S	11	TU TH	100	G	H
15077	QUIZ	*116	1	W F	152	C	A
	LAB	*116	1-4	M	1	C	A
	LECT	*S	11	TU TH	100	G	H
15084	QUIZ	*117	3	W F	116	E	C
	LAB	*117	1-4	TU	1	C	A
	LECT	*S	11	TU TH	100	G	H
15091	QUIZ	*118	1	TU TH	162	N	L
	LAB	*118	8-11	W	1	C	A
	LECT	*S	11	TU TH	100	G	H
15006	LECT-DISC	119	8	M WTHF	9	C	A
	LAB	119	8-11	TU	1	C	A
15013	LECT-DISC	120	9	M WTHF	9	C	A
	LAB	120	8-11	TU	1	C	A
15021	LECT-DISC	121	10	M WTHF	9	C	A
	LAB	121	8-11	TU	1	C	A
15038	LECT-DISC	122	11	M WTHF	9	C	A
	LAB	122	8-11	TU	1	C	A

CHEM 107 GENERAL CHEMISTRY.

PREREQUISITE: ONE YEAR OF HIGH SCHOOL CHEMISTRY WITH AT LEAST A B AVERAGE GRADE; CREDIT OR REGISTRATION IN MATH. 120.
*STUDENTS WITH CREDIT IN CHEM. 101 RECEIVE ONLY 2 HOURS CREDIT. STUDENTS WITH ADVANCED PLACEMENT CREDIT IN CHEMISTRY MAY, WITH THE CONSENT OF THE DEPARTMENT, TAKE THE LABORATORY PART OF THIS COURSE FOR 2 HOURS CREDIT, BUT MAY NOT RECEIVE MORE THAN 5 HOURS TOTAL CREDIT FOR CHEMISTRY 107.
*5 HOURS.
SECTIONS &29, &30, AND &31 ARE RESTRICTED TO DESIGNATED HONOR STUDENTS.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION.

15255	QUIZ	&29	1	M W F	193	E	C
	LAB	&29	8-12	M	310	C	A
	LECT	T	8	TU TH	100	N	L
15262	QUIZ	&30	2	M W F	193	E	C
	LAB	&30	8-12	W	310	C	A
	LECT	T	8	TU TH	100	N	L
15270	QUIZ	&31	10	M W F	116	E	C
	LAB	&31	1-5	M	310	C	A
	LECT	T	8	TU TH	100	N	L
15102	QUIZ	132	2	M W F	164	N	L
	LAB	132	8-12	W	310	C	A
	LECT	T	8	TU TH	100	N	L
15110	QUIZ	133	1	M W F	101	E	C
	LAB	133	8-12	M	310	C	A
	LECT	T	8	TU TH	100	N	L
15127	QUIZ	134	8	M W F	103	N	L
	LAB	134	1-5	W	310	C	A
	LECT	T	8	TU TH	100	N	L
15134	QUIZ	135	9	M W F	8	C	A
	LAB	135	1-5	F	310	C	A
	LECT	T	8	TU TH	100	N	L
15141	QUIZ	136	2	M W F	195	N	L
	LAB	136	8-12	F	310	C	A
	LECT	T	8	TU TH	100	N	L
15159	QUIZ	137	8	M W F	164	N	L
	LAB	137	1-5	W	310	C	A
	LECT	T	8	TU TH	100	N	L
15166	QUIZ	138	9	M W F	162	N	L
	LAB	138	1-5	M	310	C	A
	LECT	T	8	TU TH	100	N	L
15173	QUIZ	139	11	M W F	199	E	C
	LAB	139	1-5	TH	310	C	A
	LECT	T	8	TU TH	100	N	L
15181	QUIZ	140	11	M W F	162	N	L
	LAB	140	1-5	F	310	C	A
	LECT	T	8	TU TH	100	N	L
15198	QUIZ	141	12	M W F	115	E	C
	LAB	141	1-5	TH	310	C	A
	LECT	T	8	TU TH	100	N	L
15209	QUIZ	142	12	M W F	164	N	L
	LAB	142	9-1	TH	310	C	A
	LECT	T	8	TU TH	100	N	L
15216	QUIZ	143	10	M W F	111	N	L
	LAB	143	1-5	M	212	C	A
	LECT	T	8	TU TH	100	N	L
15223	QUIZ	144	11	M W F	195	N	L
	LAB	144	1-5	W	212	C	A
	LECT	T	8	TU TH	100	N	L
15231	QUIZ	145	8	M W F	300	N	L
	LAB	145	9-1	TH	310	C	A
	LECT	T	8	TU TH	100	N	L
15248	QUIZ	146	3	M W F	300	N	L
	LAB	146	8-12	F	310	C	A
	LECT	T	8	TU TH	100	N	L

CHEM 108 GENERAL CHEMISTRY.

PREREQUISITE: CHEM. 107.
*STUDENTS WITH ADVANCED PLACEMENT CREDIT IN CHEMISTRY, MAY WITH THE CONSENT OF THE DEPARTMENT, TAKE THE LABORATORY PART OF THIS COURSE FOR 2 HOURS CREDIT BUT MAY NOT RECEIVE MORE THAN 5 HOURS TOTAL CREDIT FOR CHEM. 108.
*5 HOURS.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION.

15287	QUIZ	152	2	M W F	162	N	L
	LAB	152	1-5	TU	310	C	A
	LECT	V	10	TU TH	217	N	L
15294	QUIZ	153	2	M W F	101	E	C
	LAB	153	1-5	TU	310	C	A
	LECT	V	10	TU TH	217	N	L

CHEM 122 ELEMENTARY QUANTITATIVE ANALYSIS.
FOR ALL STUDENTS IN HOME ECONOMICS AND PREMEDICAL COURSES AND ALL OTHERS WHO HAVE NOT FOLLOWED THE SEQUENCE CHEM. 107 AND 108.
PREREQUISITE: CHEM. 102.
5 HOURS.
STUDENTS ARE REQUIRED TO TAKE THE QUIZ AND LABORATORY IN SOME ONE SECTION.

15305	LECT		11	M W	100	N L	
15312	QUIZ	A1	11	F	210	C A	
	LAB	A1	1-530	M W	301	C A	
15320	QUIZ	B1	11	F	164	N L	
	LAB	B1	1-530	TU TH	301	C A	
15337	QUIZ	C1	11	F	204	N L	
	LAB	C1	8-1230	TU TH	301	C A	
15344	QUIZ	A2	11	F	300	N L	
	LAB	A2	1-530	M W	301	C A	
15351	QUIZ	B2	11	F	201	N L	
	LAB	B2	1-530	TU TH	301	C A	
15369	QUIZ	B3	11	F	217	N L	
	LAB	B3	1-530	TU TH	301	C A	

CHEM 131 ELEMENTARY ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 102 OR CHEM. 108.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 131 AND 136.
*3 HOURS.

15376	LECT		8	M W F	100	N L	PIRKLE

CHEM 134 ELEMENTARY ORGANIC CHEMISTRY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 131.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 134 AND 181.
*2 HOURS.
STUDENTS ARE REQUIRED TO TAKE ONE QUIZ SECTION AND ONE LAB SECTION. BECAUSE STUDENTS MUST ENROLL IN A QUIZ SECTION WHICH MEETS BEFORE THE LAB SECTION, STUDENTS ENROLLED IN LAB. A MUST TAKE QUIZ A.

15383	QUIZ	A	9	M	100	N L	MARTIN
15391	QUIZ	B	3	M	100	N L	
15401	QUIZ	C	9	TU	100	N L	
15480	LAB	*A	1-5	M	467	N L	
15419	LAB	B	1-5	TU	467	N L	
15426	LAB	C	1-5	W	467	N L	
15433	LAB	D	1-5	TH	467	N L	
15441	LAB	E	1-5	F	467	N L	
15458	LAB	F	8-12	TU	467	N L	
15465	LAB	G	8-12	TH	467	N L	
15472	LAB	H	8-12	S	467	N L	

CHEM 136 BASIC ORGANIC CHEMISTRY.
PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 181; CHEM. 108 OR 122; MATH. 130, 131, OR 135.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 136 AND 131.
*3 HOURS.

15497	LECT		9	M W F	116	E C	KATZENELLENBO

CHEM 181 STRUCTURE AND SYNTHESIS.
PREREQUISITE: CHEM. 108 OR 122, MATH. 130, 131, OR 135, CREDIT OR REGISTRATION IN CHEM. 136.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 181 AND 134.
*2 HOURS.
STUDENTS IN LAB SECTIONS A, B, G, AND H SHOULD REGISTER FOR QUIZ B.
STUDENTS IN LAB SECTIONS E, F, I, AND J SHOULD REGISTER FOR QUIZ A.
STUDENTS IN LAB SECTIONS C AND D MAY REGISTER FOR EITHER QUIZ SECTION.

15579	QUIZ	A	9	TU	217	N L	CURTIN
15522	QUIZ	B	2	M	217	N L	
15530	LAB	A	8-12	TU	250	N L	
15547	LAB	B	8-12	TU	250	N L	
15508	LAB	C	1-5	TH	250	N L	
15515	LAB	D	1-5	TH	250	N L	
15586	LAB	E	1-5	TU	250	N L	
15593	LAB	F	1-5	TU	250	N L	
15554	LAB	G	1-5	W	250	N L	
15561	LAB	H	1-5	W	250	N L	
15604	LAB	I	8-12	TH	250	N L	
15611	LAB	J	8-12	TH	250	N L	

CHEM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION C TOPIC: ANALYTICAL METHODS IN ENVIRONMENTAL SCIENCE.
4 HOURS. (STUDENTS REGISTERING IN SECTION C MUST HAVE CONSENT OF INSTRUCTOR.)

15629	CONF	A	ARR					BELFORD
15636	CONF	B	ARR					STAFF
15643	LECT-DISC	C	8	M W	115	E C		
	LAB	C	ARR		167	E C		

COURSES FOR ADVANCED UNDERGRADUATES

CHEM 245 PHYSICAL CHEMISTRY FOR ENGINEERS.
NOT OPEN TO CHEMISTRY OR CHEMICAL ENGINEERING MAJORS.
PREREQUISITE: CHEM. 102; PHYCS. 107 OR 108; MATH. 140, 141 OR EQUIVALENT.
3 HOURS.

15651	LECT		10	M W F	162	N L	PAUL

CHEM 290 THESIS.
*A MAXIMUM OF TEN HOURS MAY BE COUNTED TOWARDS GRADUATION AND A THESIS MUST BE PRESENTED FOR CREDIT TO BE RECEIVED.
*2 TO 6 HOURS.

15668	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHEM 315 INORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN PHYSICAL CHEMISTRY.
3 HOURS OR 3/4 UNIT.

15675	LECT		9	M W F	161	N L	BEATTIE

CHEM 323 APPLIED ELECTRONICS FOR SCIENTISTS.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN ANY OF THE PHYSICAL SCIENCES OR ENGINEERING OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

15682	LECT		11	TU TH	115	E C	MALMSTADT
15690	LAB	A	1-330	M W	75	E C	
15701	LAB	B	1-330	TU TH	75	E C	
15718	LAB	C	9-1130	M W	75	E C	

CHEM 336 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 131 AND 134 OR CHEM. 136 AND 181.
3 HOURS OR 3/4 UNIT.

15725	LECT		11	M W F	116	E C	LEONARD

CHEM 337 ORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 336.
2 HOURS OR 1/2 UNIT.

15732	QUIZ		1	TU	161	N L	BEAK
	LAB		2-4	TU	218	N L	
			1-4	TH	218	N L	

CHEM 338 SEPARATION, PURIFICATION AND IDENTIFICATION OF ORGANIC COMPOUNDS.
PREREQUISITE: CHEM. 336 AND 337.
4 HOURS OR 1 UNIT.

15740	QUIZ		1	M W	195	N L	SMITH
	LAB		2-5	M W	218	N L	

CHEM 340 PRINCIPLES OF PHYSICAL CHEMISTRY.
NOT OPEN TO STUDENTS IN THE SPECIALIZED CURRICULA IN CHEMISTRY OR CHEMICAL ENGINEERING.
PREREQUISITE: CHEM. 122 AND 131, OR EQUIVALENT; PHYCS. 102; MATH. 130 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

15757	LECT		11	MTUWTH	217	N L	WETMUR

CHEM 341 ELEMENTARY PHYSICAL CHEMISTRY LABORATORY.
PREREQUISITE: REGISTRATION IN CHEM. 340 OR CREDIT FOR ONE SEMESTER OF A LECTURE COURSE IN PHYSICAL CHEMISTRY.
1 HOUR OR 1/4 UNIT.

15764	LAB	B	1-4	TU	24	N	L	TEIPEL
15771	LAB	C	1-4	W	24	N	L	

CHEM 342 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 108, 122, 123, OR EQUIVALENT; PHYCS. 106, 107, AND 108, OR TWO SEMESTERS OF GENERAL PHYSICS WITH CONCURRENT REGISTRATION IN THE THIRD SEMESTER; CREDIT OR REGISTRATION IN MATH. 140 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.
STUDENTS SHOULD NOT ENROLL IN CHEM. 342 WHO DO NOT INTEND TO ENROLL IN CHEM. 344.

15789	LECT		10	M W F	112	C	A	YANKWICH

CHEM 344 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 342.
3 HOURS OR 3/4 UNIT.

15796	LECT		10	M W F	161	N	L	LOMBARDI

CHEM 348 ADVANCED PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 344 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

15807	LECT		8	M W F	112	C	A	YARDLEY

CHEM 349 ADVANCED PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 348.
4 HOURS OR 1 UNIT.

15814	LECT		10	M W F	19S	N	L	MC DONALD

CHEM 383 DYNAMICS, STRUCTURE AND PHYSICAL METHODS.
PREREQUISITE: CHEM. 136 AND 181; CREDIT OR REGISTRATION IN PHYCS. 108, MATH. 140 AND CHEM. 342.
2 HOURS OR 1/2 UNIT.
STUDENTS MUST REGISTER FOR ONE LAB-QUIZ COMBINATION.

15821	LAB	A1	8-12	TU	174	E	C	BROWN
	QUIZ	A	10	TH	162	N	L	
15839	LAB	B1	8-12	TH	174	E	C	
	QUIZ	B	10	TU	162	N	L	
15846	LAB	C1	1-5	F	174	E	C	
	QUIZ	B	10	TU	162	N	L	
15853	LAB	D1	8-12	S	174	E	C	
	QUIZ	A	10	TH	162	N	L	

CHEM 385 CHEMICAL FUNDAMENTALS.
PREREQUISITE: CHEM. 342 AND 383; CREDIT OR REGISTRATION IN CHEM. 344.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB COMBINATION.

15861	QUIZ	A	2	F	161	N	L	BELFORD
	LAB	A	1-5	M W	124	N	L	
15878	QUIZ	B	2	M	103	N	L	
	LAB	B	1-5	TU TH	124	N	L	
15885	QUIZ	C	2	TH	161	N	L	
	LAB	C	8-12	TU TH	124	N	L	

CHEM 392 APPLIED X-RAYS.
PREREQUISITE: CHEM. 342 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

15892	LECT		9	TU TH S	111	N	L	STUCKY

CHEM 396 ATOMIC PHYSICS.
SAME AS PHYCS. 381.
PREREQUISITE: GENERAL PHYSICS AND MATH. 343 OR 345.
*CREDIT NOT ALLOWED FOR CHEM. 396 OR PHYCS. 381 IN ADDITION TO PHYCS. 386.
*4 HOURS OR 1 UNIT.

15903	LECT		10	M W F	137	P	B	

CHEM 397 RADIOCHEMISTRY.
SAME AS NUC. E. 397.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

15911	LECT		10	TU TH S	161	N L		HUMMEL

CHEM 398 RADIOCHEMISTRY LABORATORY.
SAME AS NUC. E. 398.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

15928	DISC		11	S	111	N L		HUMMEL
	LAB		1-4	TU	20	N L		HUMMEL

COURSES FOR GRADUATES

CHEM 405 INORGANIC CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS MAJORING IN INORGANIC CHEMISTRY.
1/4 UNIT.

15935	LECT-DISC		4	TU	112	C A		BAILAR

CHEM 406 PHYSICAL INORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 315, AND 344.
1 UNIT.

15942	LECT-DISC		1	M W F	161	N L		DRAGO

CHEM 407 SPECIAL TOPICS IN INORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 406 OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY REPEAT THIS COURSE FOR CREDIT.
*1/2 TO 1 UNIT.

15950	LECT		10	M W F	217	N L		STAFF

CHEM 421 SPECTROCHEMICAL METHODS OF ANALYSIS.
PREREQUISITE: GENERAL PHYSICS AND CHEMISTRY EQUIVALENT TO A MAJOR FOR A BACHELORS DEGREE.
1 UNIT.

15967	LECT		9	TU TH	193	E C		MALMSTADT
15974	LAB	A	1-530	M	37	E C		
15981	LAB	B	1-530	TU	37	E C		
15999	LAB	C	1-530	W	37	E C		
16001	LAB	D	1-530	TH	37	E C		

CHEM 424 QUANTITATIVE ANALYSIS.
PREREQUISITE: GRADUATE STANDING IN CHEMISTRY.
1/2 UNIT.

16019	LECT		10	TU TH	193	E C		LAITINEN

CHEM 425 ANALYTICAL CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS ANALYTICAL CHEMISTRY.
1/4 UNIT.

16026	LECT-DISC		2	F	171	E C		LAITINEN

CHEM 429 ELECTRON MICROSCOPY WITH LABORATORY.
SAME AS BIOL. 429.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

16033	LECT		4	M W	242	BEV HALL		HALL
	LAB-DISC		4	F	242	BEV HALL		
	LAB		ARR		97	BEV HALL		

CHEM 431 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 430 OR 336 AND ONE YEAR OF PHYSICAL CHEMISTRY.
1 UNIT.

16041	LECT		11	M W F	161	N L		FORD

CHEM 433 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 431 AND 432, ONE OF WHICH MAY BE TAKEN CONCURRENTLY.
*CHEM. 433 MAY BE REPEATED FOR CREDIT.
*3/4 UNIT REQUIRES 2 LECTURES PER WEEK.
*1/2 OR 3/4 UNIT.

16058	LECT		11	TU TH	116	E C	RINEHART

CHEM 434 ADVANCED ORGANIC SYNTHESIS.
1/4 TO 1 UNIT.

16065	LAB		ARR		218	N L	BEAK

CHEM 435 ORGANIC CHEMISTRY SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

16072	LECT-DISC		4	M TH	116	E C	APPLEQUIST

CHEM 441 THERMODYNAMICS AND STATISTICAL THERMODYNAMICS.
PREREQUISITE: CHEM. 342 AND 344 OR EQUIVALENT.
1 UNIT.

16080	LECT		10	M W F	115	E C	CHANDLER

CHEM 445 PHYSICAL CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 OR 1/2 UNIT.

16097	LECT-DISC		4	W	112	C A	STAFF

CHEM 449 SPECIAL TOPICS IN PHYSICAL CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE CREDIT.
*1/2 OR 1 UNIT.
SECTION A: QUANTUM MECHANICS OF COLLISIONS - 1 UNIT.
SECTION B: RESEARCH TOPICS BIOPHYSICAL CHEMISTRY - 1 UNIT.

16108	LECT	A	11	M W F	101	E C	MARCUS
16115	LECT	B	11	M W F	111	N L	SCHMIDT

CHEM 490 SPECIAL TOPICS IN CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.
1/4 TO 4 UNITS.
*SECTION B TOPIC ANALYTICAL METHODS IN ENVIRONMENTAL SCIENCE-1 UNIT (STUDENTS REGISTERING IN SECTION B MUST HAVE CONSENT OF INSTRUCTOR.)

16122	CONF	A	ARR				STAFF
16130	LECT-DISC	*B	8	M W	115	E C	
	LAB	*B	ARR		167	E C	

CHEM 493 ADVANCED ELECTRON MICROSCOPY.
SAME AS BIOL. 493.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.
1/4 TO 1/2 UNIT.

16147	LAB-DISC		ARR		97	BEV HALL	HALL

CHEM 494 CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.
SAME AS BIOCH. 494.
PREREQUISITE: CHEM. 344 AND 346, AND BIOCH. 350 OR 450; MCBIO. 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

16154	LECT		11	TU TH S	101	E C	UHLENBECK

CHEM 499 THESIS RESEARCH.
0 TO 4 UNITS.

16161	CONF		ARR				STAFF

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

CHIN 201 ELEMENTARY CHINESE, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT IS GIVEN TOWARD GRADUATION FOR CHIN. 201 WITHOUT CHIN. 202.
5 HOURS.
OPEN TO FRESHMEN.

16179	LECT-DISC	A	9	MTUWTHF	8	COM W	CHANG
16186	LECT-DISC	B	9	MTUWTHF	162	E E B	
16193	LECT-DISC	C	9	MTUWTHF	317A	D K H	

CHIN 203 INTERMEDIATE CHINESE, I.
PREREQUISITE: CHIN. 202 OR 301, OR EQUIVALENT.
5 HOURS.

16204	LECT-DISC	9	MTUWTHF	311	D H	MACDONALD

CHIN 205 TRADITIONAL CHINESE FICTION IN TRANSLATION.
NO KNOWLEDGE OF CHINESE REQUIRED.
3 HOURS.

16211	LECT-DISC	1	M W F	311	D H	MACDONALD

CHIN 207 CHINESE LITERATURE IN TRANSLATION, I.
NO KNOWLEDGE OF CHINESE REQUIRED.
3 HOURS.

16229	LECT-DISC	2	M W F	311	D H	HART

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CHIN 301 INTENSIVE CHINESE, I.
10 HOURS OR 2 UNITS.
OPEN TO FRESHMEN.
ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND SECTION 2.

16236	LECT-DISC	1	10-12	MTUWTHF	311	D H	CHANG
16243	LECT-DISC	2	10-12	MTUWTHF	311	D H	

CHIN 303 ADVANCED CHINESE, I.
PREREQUISITE: CHIN. 204 OR 302.
5 HOURS OR 1 UNIT.

16251	LECT-DISC	9	MTUWTHF	94	COM W	CHANG

CHIN 305 ADVANCED READINGS IN MODERN CHINESE, I.
PREREQUISITE: CHIN. 304 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

16268	LECT-DISC	ARR				CHENG

CHIN 307 INTRODUCTION TO LITERARY CHINESE.
PREREQUISITE: CHIN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

16275	LECT-DISC	10	M W F	405	M H	HART

CHIN 309 SOCIAL SCIENCE READINGS IN CHINESE.
PREREQUISITE: CHIN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

16282	LECT-DISC	ARR				MACDONALD

CHIN 330 INTRODUCTION TO FAR EASTERN LINGUISTICS.
SAME AS JAPAN., KOREAN, AND LING. 330.
PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

16290	LECT-DISC	A	1030-12	TU TH	1110	F L B	
16301	LECT-DISC	C	1-230	TU TH	G 52	F L B	

DEPARTMENT OFFICE 1114 C E B

COURSES FOR UNDERGRADUATES

C E 195 INTRODUCTION TO CIVIL ENGINEERING.
PREREQUISITE: SOPHOMORE STANDING IN CIVIL ENGINEERING.
1 HOUR.

16318	CONF	H1	4	M		421	E H
16325	CONF	H2	4	M		324	E H
16332	CONF	H3	4	M		420	E H
16340	CONF	H4	4		W	324	E H
16357	CONF	H5	4		W	421	E H
16364	CONF	H6	4		W	420	E H
16371	CONF	P1	11	TU		419	E H
16389	CONF	P2	11	TU		324	E H
16396	CONF	P3	11	TU		423	E H
16407	CONF	P4	11		TH	419	E H
16414	CONF	P5	11		TH	324	E H
16421	CONF	P6	11		TH	423	E H

COURSES FOR ADVANCED UNDERGRADUATES

C E 200 GENERAL SURVEYING.
FOR STUDENTS IN OTHER DEPARTMENTS.
PREREQUISITE: G. E. 101, MATH. I14 OR EQUIVALENT.
*NO CREDIT FOR CIVIL ENGINEERING STUDENTS.
*3 HOURS.

16439	LAB-DISC	E	1-4	M W		200	T L

C E 201 ENGINEERING SURVEYING.
PREREQUISITE: C. E. 293 AND CREDIT OR REGISTRATION IN C. S. 101.
4 HOURS.
STUDENTS SHOULD REGISTER FOR THE LECTURE PLUS ONE LAB-DISC PERIOD.

16446	LECT		3	M W F		314	E H
16453	LAB-DISC	L1	8-11	TU		104	WOODSHOP
16461	LAB-DISC	L2	8-11		TH	104	WOODSHOP
16478	LAB-DISC	S1	2-5	TU		104	WOODSHOP
16485	LAB-DISC	S2	2-5		TH	104	WOODSHOP

C E 203 FUNDAMENTALS OF METRICAL PHOTOGRAPHY.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS.

16492	LECT-DISC	F	2	M W		212	WOODSHOP
	LAB-DISC	F	2-5		F	212	WOODSHOP

C E 205 CONSTRUCTION AND ROUTE SURVEYING.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS.

16503	LECT-DISC	R	1	TU TH		212	WOODSHOP
	LAB-DISC	R	2-5		TH	212	WOODSHOP

C E 214 PROPERTIES AND BEHAVIOR OF CONCRETE.
PREREQUISITE: T. A. M. 223 OR 224 AND JUNIOR STANDING IN ENGINEERING OR ARCHITECTURE.
2 HOURS.
*SECTION &R IS AN HONORS SECTION.

16511	LECT-DISC	L	8-10	TU		1215	C E B
	LAB-DISC	L	8		TH	1215	C E B
16528	LECT-DISC	P	11	TU		1215	C E B
	LAB-DISC	P	10-12		TH	1215	C E B
16535	LECT-DISC	*&R	1	TU		1215	C E B
	LAB-DISC	*&R	1-3		TH	1215	C E B

C E 216 CONSTRUCTION ENGINEERING.
PREREQUISITE: C. E. 292, AND CREDIT OR REGISTRATION IN C.S. 101 AND AND C. E. 293.
3 HOURS.

16542	LECT-DISC	R	9	M W F		420	E H
16550	LECT-DISC	E	1	M W F		423	E H
16567	LECT-DISC	MN	930-11	TU TH		421	E H

C E 220 MATERIALS FOR TRANSPORTATION FACILITIES.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR.
3 HOURS.

16574	LECT-DISC	D	11	M	W	F	200	T L
16581	LECT-DISC	F	2	M	W	F	420	E H

C E 221 ANALYSIS AND DESIGN OF ROADWAYS.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR.
3 HOURS.

16599	LECT-DISC	B	8	M	W	F	200	T L

C E 230 INTRODUCTION TO TRANSPORTATION ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING, ARCHITECTURE OR CITY PLANNING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

16600	LECT-DISC	A	8	M	W	F	423	E H
16617	LECT-DISC	B	9	M	W	F	421	E H

C E 231 INTRODUCTION TO TRANSPORTATION SYSTEMS.
PREREQUISITE: C. S. 101, C. E. 292, 293 AND 230; OR CONSENT CONSENT OF INSTRUCTOR.
3 HOURS.

16624	LECT-DISC	LM	8-920	TU	TH		423	E H

C E 240 CONTROL OF THE URBAN ENVIRONMENT.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

16631	LECT-DISC	A	8	M	W	F	314	E H

C E 241 WATER QUALITY AND WATER POLLUTION.
PREREQUISITE: T. A. M. 235.
3 HOURS.

16649	LECT-DISC	A	8	M	W	F	320	E H
16656	LECT-DISC	D	11	M	W	F	320	E H

C E 255 INTRODUCTION TO HYDROSYSTEMS ENGINEERING.
PREREQUISITE: T. A. M. 235 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN C. E. 292 AND 293 OR EQUIVALENT.
3 HOURS.

16663	LECT-DISC	B	9	M	W	F	320	E H
16671	LECT-DISC	C	10	M	W	F	320	E H

C E 261 FUNDAMENTALS OF STRUCTURAL ENGINEERING.
PREREQUISITE: T. A. M. 221.
3 HOURS.
*SECTION &F IS AN HONORS SECTION.

16688	LECT-DISC	C	10	M	W	F	420	E H
16695	LECT-DISC	E	1	M	W	F	419	E H
16713	LECT-DISC	*&F	2	M	W	F	423	E H
16706	LECT-DISC	LM	8-920	TU	TH		421	E H

C E 262 STRUCTURAL THEORY, II.
PREREQUISITE: C. E. 261.
3 HOURS.

16721	LECT-DISC	D	11	M	W	F	423	E H
16738	LECT-DISC	LM	8-920	TU	TH		324	E H

C E 263 BEHAVIOR AND DESIGN OF METAL STRUCTURES, I.
PREREQUISITE: T. A. M. 224 AND C. E. 261, OR CONSENT OF INSTRUCTOR.
3 HOURS.

16745	LECT-DISC	A	8	M	W	F	421	E H
16752	LECT-DISC	C	10	M	W	F	423	E H

C E 264 REINFORCED CONCRETE DESIGN, I.
PREREQUISITE: C. E. 214, C. E. 261, T. A. M. 224.
3 HOURS.
*NOTE: THREE TWO-HOUR DEMONSTRATION LABORATORIES TO BE ARRANGED.

16760	LECT-DISC	B	*9	M	W	F	423	E H
16777	LECT-DISC	G	*3	M	W	F	324	E H
16784	LECT-DISC	ST	*230-4	TU	TH		324	E H

C E 280 INTRODUCTION TO SOIL MECHANICS AND FOUNDATION ENGINEERING.
PREREQUISITE: T. A. M. 221.
3 HOURS.

16791	LECT-DISC	A	8	M W F	B222	C E B	
16802	LECT-DISC	C	10	M W F	B222	C E B	
16827	LECT-DISC	&E	1	M W F	B222	C E B	
16810	LECT-DISC	MN	930-11	TU TH	B222	C E B	

C E 290 LEGAL ASPECTS OF ENGINEERING CONTRACTS AND SPECIFICATIONS.
SAME AS G. E. 290.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE OR ENGINEERING, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH C. E./G. E. 290 AND G. E. 292.
*3 HOURS.

16834	LECT-DISC	P	11	TU TH	314	E H

C E 292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
PREREQUISITE: INTEGRAL CALCULUS.
3 HOURS.
*SECTION &F IS AN HONORS SECTION.

16841	LECT-DISC	A	8	M W F	420	E H
16859	LECT-DISC	B	9	M W F	314	E H
16866	LECT-DISC	E	1	M W F	320	E H
16881	LECT-DISC	*&F	2	M W F	419	E H
16873	LECT-DISC	MN	930-11	TU TH	324	E H

C E 293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
PREREQUISITE: INTEGRAL CALCULUS.
3 HOURS.
*SECTION &G IS AN HONORS SECTION.

16898	LECT-DISC	A	8	M W F	419	E H
16909	LECT-DISC	C	10	M W F	421	E H
16931	LECT-DISC	*&G	3	M W F	423	E H
16916	LECT-DISC	LM	8-920	TU TH	320	E H
16923	LECT-DISC	RS	1-220	TU TH	420	E H

C E 295 PROFESSIONAL PRACTICE.
PREREQUISITE: JUNIOR STANDING.

16948	LECT		4	W	314	E H

C E 297 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING.
1 TO 4 HOURS.
*SECTIONS 01 AND 02: OTHERS.
*SECTION RA: ENGINEERING DECISION AND RISK ANALYSIS.

16955	LECT-DISC	*01	ARR				STAFF
16962	LECT-DISC	*02	ARR				STAFF
16970	LECT-DISC	*RA	8-920	TU TH	314	E H	ANG-TANG

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C E 304 FUNDAMENTALS OF ANALYTICAL PHOTOGRAMMETRY.
PREREQUISITE: C. E. 203 AND 306 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

16987	LECT-DISC	E	1	M W F	212	WOODSHOP

C E 306 ADJUSTMENT OF OBSERVATIONS.
PREREQUISITE: MATH. 315 AND C. E. 202 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

16994	LECT-DISC	A	8	M W F	212	WOODSHOP

C E 307 PHOTOGRAMMETRIC ENGINEERING.
PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17007	LECT-DISC	LM	8-10	TU TH S	212	WOODSHOP

C E 314 FUNDAMENTALS OF SYSTEMS APPROACH.
PREREQUISITE: C. E. 292, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17014	LECT-DISC	G	3	M W F	421	E H

C E 315 CONSTRUCTION PRODUCTIVITY.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17021	LECT-DISC	D	11	M W F	420	E H

C E 316 CONSTRUCTION PLANNING.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17039	LECT-DISC	ST	230-4	TU TH	423	E H

C E 318 CONSTRUCTION COST ANALYSES AND ESTIMATES.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17046	LECT-DISC	RS	1-220	TU TH	423	E H

C E 321 BITUMINOUS MATERIALS AND MIX DESIGN.
PREREQUISITE: C. E. 214, C. E. 220, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

17053	LECT-DISC	C	10	M W	200	T L
	LAB	C	9-11	F	201	T L

C E 322 DEVELOPMENT OF HIGHWAY FACILITIES.
PREREQUISITE: C. E. 220, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

17061	LECT-DISC	B	9	M W	B222	C E B
	LAB	B	3-5	TU TH	B222	C E B

C E 325 HIGHWAY TRAFFIC CHARACTERISTICS.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

17078	LECT-DISC	D	11	M W F	421	E H

C E 333 URBAN AND REGIONAL TRANSPORTATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING, CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17085	LECT-DISC	G	3	M W F	420	E H

C E 335 RAILWAY CONSTRUCTION AND MAINTENANCE.
PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR, CREDIT OR REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING.
3 HOURS, OR 1/2 OR 1 UNIT.

17092	LECT-DISC	E	1	M W F	421	E H

C E 337 SIGNALS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR, CREDIT OR REGISTRATION IN C. E. 230 FOR THOSE WITH A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING.
2 HOURS, OR 1/2 OR 1 UNIT.

17103	LECT-DISC	P	11	TU TH	421	E H

C E 345 ENVIRONMENTAL HEALTH ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

17111	LECT-DISC	D	11	M W F	314	E H

C E 346 BIOLOGY OF POLLUTED WATER.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

17128	LECT-DISC	NP	10-12	TU TH	320	E H

C E 349 FUNDAMENTALS OF RADIATION PROTECTION.
SAME AS NUC. E. 349.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR IN PHYCS. 382.
3 HOURS, OR 3/4 OR 1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

17135	LECT-DISC		*2	M W F	203	N E L

C E 350 HYDROLOGY.
PREREQUISITE: C. E. 255 OR ITS EQUIVALENT WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17142	LECT	B	9	M	W	F	1518	H S L

C E 351 HYDROMECHANICS.
PREREQUISITE: T. A. M. 235, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

17150	LECT-DISC	G	3	M	W	F	322	E H

C E 352 WATER RESOURCES DESIGN.
PREREQUISITE: C. E. 255, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

17167	LECT-DISC	C	10	M	W	F	1518	H S L

C E 361 ADVANCED STRUCTURAL ANALYSIS.
PREREQUISITE: C. E. 262 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

17174	LECT-DISC	G	3	M	W	F	419	E H
17181	LECT-DISC	LM	8-920	TU	TH		322	E H

C E 363 BEHAVIOR AND DESIGN OF METAL STRUCTURES, II.
PREREQUISITE: C. E. 263 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17199	LECT-DISC	MN	930-11	TU	TH		419	E H

C E 364 REINFORCED CONCRETE DESIGN, II.
PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262.
3 HOURS, OR 3/4 OR 1 UNIT.

17200	LECT-DISC	D	11	M	W	F	322	E H

C E 366 BEHAVIOR OF REINFORCED CONCRETE MEMBERS.
PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264; FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE WITH COURSES IN STRUCTURES AND REINFORCED CONCRETE DESIGN.
4 HOURS OR 1 UNIT.
NOTE: ALTHOUGH OPEN TO ADVANCED UNDERGRADUATES, THIS COURSE SHOULD BE TAKEN BY SUCH STUDENTS ONLY AFTER CONSULTATION WITH THE INSTRUCTOR.

17217	LECT-DISC	C	10	M	W	F	314	E H

C E 368 PRESTRESSED CONCRETE.
PREREQUISITE: C. E. 262, 264.
3 HOURS, OR 3/4 OR 1 UNIT.

17224	LECT-DISC	A	8	M	W	F	322	E H

C E 369 BEHAVIOR AND DESIGN OF WOOD STRUCTURES.
PREREQUISITE: C. E. 261 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17231	LECT-DISC	B	9	M	W	F	324	E H

C E 374 INTRODUCTION TO STRUCTURAL DYNAMICS.
PREREQUISITE: T. A. M. 212; MATH. 345; C. E. 261; OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
*3 HOURS, OR 3/4 OR 1 UNIT.

17249	LECT-DISC	F	2	M	W	F	314	E H

C E 379 APPLIED STRUCTURAL MECHANICS.
PREREQUISITE: MATH. 345 AND ONE UNDERGRADUATE COURSE IN STATICALLY INDETERMINATE STRUCTURES; OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17256	LECT-DISC	D	11	M	W	F	419	E H

C E 383 SOIL MECHANICS.
PREREQUISITE: C. E. 280, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17263	LECT-DISC	E	1	M	W	F	314	E H

C E 384 APPLIED SOIL MECHANICS.
PREREQUISITE: C. E. 383, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17271	LECT-DISC	RS	1-220	TU	TH		419	E H

C E 385 ENGINEERING ASPECTS OF SURFICIAL SOILS.
PREREQUISITE: C. E. 280, OR CONSENT OF INSTRUCTOR.
FIELD TRIP; ESTIMATED EXPENSE, $5.00.
4 HOURS OR 1 UNIT.

17288	LECT-DISC	D	11	M	W	F	B215	C E B	
	LAB	D	8-10		TH		B215	C E B	

C E 391 COMPUTER METHODS IN CIVIL ENGINEERING.
PREREQUISITE: C. S. 101 OR EQUIVALENT; SENIOR OR GRADUATE STANDING IN CIVIL ENGINEERING; OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

17295	LECT-DISC	B	9	M	W	F	419	E H	

COURSES FOR GRADUATES

C E 403 ANALOGUE PHOTOGRAMMETRY, I.
PREREQUISITE: C. E. 203 OR CONSENT OF INSTRUCTOR.
1 UNIT.

17306	LECT-DISC	B	9	M	W	F	212	WOODSHOP	KARARA

C E 416 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 1.
SAME AS I. E. 416.
PREREQUISITE: B.S. IN C. E. OR I. E., CREDIT OR REGISTRATION IN MATH. 363, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*CIVIL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION CE.

17313	LECT-DISC	*CE	8-920	TU TH			419	E H	WOODHEAD
17321	LECT-DISC	*LM	8-920	TU TH			243	M E B	

C E 420 SYSTEM APPROACH TO PAVEMENT DESIGN.
PREREQUISITE: C. E. 220 OR 221, OR EQUIVALENT.
1 UNIT.

17338	LECT-DISC	A	8	M	W	F	324	E H	DANNER

C E 422 FUNDAMENTAL PROPERTIES AND BEHAVIOR OF BITUMINOUS MIXTURES.
PREREQUISITE: C. E. 321 OR CONSENT OF INSTRUCTOR.
1 UNIT.

17345	LECT-DISC	LM	8-920	TU TH			200	T L	HERRIN

C E 426 TRAFFIC PLANNING.
PREREQUISITE: C. E. 325 OR EQUIVALENT.
1 UNIT.

17352	LECT-DISC	C	10	M	W	F	322	E H	BAERWALD

C E 435 RAILWAY CONSTRUCTION AND MAINTENANCE.
PREREQUISITE: C. E. 335.
1 UNIT.

17360	LECT-DISC	S	2	TU TH			421	E H	HAY

C E 440 THEORY OF WATER TREATMENT.
PREREQUISITE: CHEM. 122, MCBIO. 101.
1 UNIT.

17377	LECT-DISC	LM	8-10	TU TH			420	E H	OCONNOR

C E 441 ANALYSIS AND TREATMENT OF WATER AND WASTE WATER.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 440.
1 UNIT.

17384	LAB-DISC	RU	1-5	TU TH			4206	C E B	SNOEYINK

C E 445 WATER QUALITY AND POLLUTION.
PREREQUISITE: C. E. 250, C. E. 251, AND MATH. 345.
1 UNIT.

17391	LECT-DISC	E	1	M	W	F	4130	C E B	DICK

C E 448 CONTROL OF AIR POLLUTION.
PREREQUISITE: C. E. 360.
1 UNIT.

17402	LECT-DISC	F	2	M	W		4108	C E B	STUKEL
		F	2-4			F	4108	C E B	

C E 457 GROUND WATER.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

17410	LECT-DISC	F	2	M W F	322	E H	CHOW

C E 461 MATRIX FORMULATION OF STRUCTURAL ANALYSIS.
PREREQUISITE: C.E. 361 OR EQUIVALENT.
1 UNIT.

17427	LECT-DISC	F	2	M W F	324	E H	WRIGHT

C E 465 STRUCTURAL DESIGN IN METALS.
PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURES.
1 UNIT.

17434	LECT-DISC	E	1	M W F	420	E H	BIRKEMOE

C E 470 STRUCTURAL SAFETY AND RELIABILITY.
PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
1 UNIT.

17441	LECT-DISC	D	11	M W F	324	E H	ANG

C E 471 NUMERICAL AND APPROXIMATE METHODS OF STRUCTURAL ANALYSIS.
1 TO 2 UNITS.

17459	LECT-DISC	RS	1-220	TU TH	322	E H	EUBANKS

C E 473 ANALYSIS AND DESIGN OF PLATES AND SHELLS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

17466	LECT-DISC	ST	230-4	TU TH	320	E H	SCHNOBRICH

C E 475 BEHAVIOR OF STEEL STRUCTURES.
PREREQUISITE: GRADUATE STANDING IN C. E. OR T. A. M.
1 UNIT.

17473	LECT-DISC	MN	930-11	TU TH	322	E H	MUNSE

C E 478 DISCRETE METHODS OF SOLID AND STRUCTURAL MECHANICS.
PREREQUISITE: C. E. 379, A. A. E. 326 OR T. A. M. 351 OR EQUIVALENT, AND REGISTRATION IN C. S. 400 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
1 UNIT.

17481	LECT-DISC	S	9	M W F	322	E H	SCHNOBRICH

C E 481 EARTH DAMS AND RELATED PROBLEMS.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 384 OR CONSENT OF INSTRUCTOR.
1 UNIT.

17498	LECT-DISC	F	2	M W F	B222	C E B	PECK

C E 482 ADVANCED SOIL MECHANICS, I.
PREREQUISITE: C. E. 383.
1 UNIT.

17509	LECT-DISC	RS	1-220	TU TH	324	E H	MESRI
	LAB	RS	ARR				

C E 486 ROCK MECHANICS, I.
PREREQUISITE: C. E. 383; GEOL. 450 OR EQUIVALENT; T. A. M. 321 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
1 UNIT.

17516	LECT-DISC		9-12	S	B222	C E B	DEERE

. E 495 CIVIL AND SANITARY ENGINEERING SEMINAR.
*COURSE MAY BE REPEATED FOR CREDIT.
*0 OR 1/4 UNIT.
SECTION AG--ADVANCED ENVIRONMENTAL ENGINEERING.
SECTION C--CONSTRUCTION ENGINEERING.
SECTION G--ENVIRONMENTAL ENGINEERING.
SECTION P--PHOTOGRAMMETRY AND GEODESY.
SECTION S--STRUCTURES.
SECTION T: TRANSPORTATION.
SECTION W--HYDRAULICS AND WATER RESOURCES.

17523	CONF	AG	ARR					DICK
17531	CONF	C	4	TU	419	E H		WOODHEAD
17548	CONF	G	3-5	M	1518	H S L		ENGELBRECHT
17555	CONF	P	3-5	TU	212	WOODSHOP		KARARA-WONG
17562	CONF	S	4	TH	314	E H		STAFF
17570	CONF	T	4	M	322	E H		DANNER
17587	CONF	W	4	W	1518	H S L		CHOW

: E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
SECTION E: EARTHQUAKE ENGINEERING. CREDIT: 1 UNIT.
SECTION M: OCEAN ENGINEERING. CREDIT: 1 UNIT.
SECTIONS 01, 02, AND 03: OTHERS.
SECTION RA: ENGINEERING DECISION AND RISK ANALYSIS. CREDIT: 1 UNIT.
SECTION ST: SEDIMENT TRANSPORT. CREDIT: 1/2 UNIT.

17594	CONF	01	ARR					STAFF
17605	CONF	02	ARR					STAFF
17612	CONF	03	ARR					STAFF
17620	LECT-DISC	E	10	M W F	419	E H		MURTHA
17637	LECT-DISC	M	930-11	TU TH	314	E H		MURTHA
17644	LECT-DISC	RA	8-920	TU TH	314	E H		ANG-TANG
17651	LECT-DISC	ST	1-3	TU	1518	H S L		YEN

: E 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION M IS FOR MASTERS DEGREE, SECTION D IS FOR PH.D. DEGREE.

17669	CONF	*M	ARR					STAFF
17676	CONF	*D	ARR					STAFF

CLASSICAL ARCHAEOLOGY

DEPARTMENT OFFICE 361 L H

COURSES FOR UNDERGRADUATES

CLARC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

17693	CONF		ARR					ALLEN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CLARC 331 THE ARCHAEOLOGY OF GREECE.
PREREQUISITE: A COURSE IN ANCIENT HISTORY, ART, OR LANGUAGE, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

17691	LECT-DISC	A	3	M W F	G 18	F L B		ALLEN

CLARC 335 THE TOPOGRAPHY OF ATHENS.
PREREQUISITE: CLARC. 331,OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

17701	LECT-DISC	A	1	M W F	409	LIB		ALLEN

CLASSICS

DEPARTMENT OFFICE 361 L H

SEE ALSO GREEK AND LATIN

CLASSICAL CIVILIZATION

NOTE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE OPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302 303, 304, 305, 306, AND 307. HIST. 181, 182, 381, 382, 383, AND 384, AND PHIL. 303, 309, AND 310.

COURSES FOR UNDERGRADUATES

CLCIV 110 INTRODUCTION TO GREEK CULTURE.
2 HOURS.

17719	LECT-DISC	A	11	TU TH	196 L H	BRIGHT

CLCIV 111 MYTHOLOGY OF GREECE AND ROME.
2 HOURS.

17726	LECT-DISC	A	11	TU TH	135 A S L	DUNN
17733	LECT-DISC	B	3	TU TH	135 A S L	DUNN

CLCIV 112 GREEK DRAMA IN ENGLISH TRANSLATION.
2 HOURS.

17741	LECT-DISC	A	2	TU TH	304 L H	SCANLAN

CLCIV 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

17758	CONF		ARR			STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

CLCIV 301 GREEK LITERATURE IN TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

17765	LECT-DISC	A	9	M W F	362 L H	TAYLOR

COMMUNICATIONS

DEPARTMENT OFFICE 1207 W OREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY, CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESTER, COMM. 471, 490, AND 499 ARE IN THE GENERAL CATEGORY, COMM. 307, 414, 462, 468, 470, 473, 474, AND 481 ARE IN GROUP A, AND COMM. 325, 351, 352, 420, 425 AND 456 ARE IN GROUP B.

COURSES FOR ADVANCED UNDERGRADUATES

COMM 217 HISTORY OF COMMUNICATIONS.
SAME AS JOURN. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

17772	LECT-DISC	B	9	M W F	215 G H	ERICKSON
17780	LECT-DISC	F	2	M W F	215 G H	

COMM 220 PROCESSES AND SYSTEMS OF COMMUNICATIONS.
SAME AS JOURN. 220.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS B1 AND G1 ARE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. STUDENTS IN THE COLLEGE OF COMMUNICATIONS SEE JOURNALISM 220.

17797	LECT-DISC *B1	10	M	W	F	215	G H	KREILING
17815	LECT-DISC *B2	10	M	W	F	215	G H	
17808	LECT-DISC *G1	3	M	W	F	113	G H	CAREY
17822	LECT-DISC *G2	3	M	W	F	113	G H	

COMM 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
SAME AS JOURN. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2 AND E2.

17830	LECT-DISC *D1	11	M	W	F	123	G H	BOSTON
17854	LECT-DISC *D2	11	M	W	F	123	G H	
17847	LECT-DISC *E1	1	M	W	F	123	G H	GUBACK
17861	LECT-DISC *E2	1	M	W	F	123	G H	

COMM 241 LAW AND COMMUNICATIONS.
SAME AS JOURN. 241.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

17879	LECT-DISC	2	M	W	F	113	G H	ALFELD

COMM 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS JOURN. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

17886	LECT-DISC E	1	M	W	F	215	G H	KREILINF
17893	LECT-DISC G	3	M	W	F	215	G H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

COMM 307 THE ART OF THE SCREEN: NARRATION.
SAME AS SPCH. 307.
PREREQUISITE: TRAINING IN CRITICAL APPROACHES TO LITERATURE, DRAMA, ART, OR MUSIC, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

17904	LECT-DISC	3	M	W		430	ARMORY	
		3-5			F	430	ARMORY	

COMM 325 INTRODUCTION TO PSYCHOLINGUISTICS.
SAME AS LING. 325.
PREREQUISITE: CREDIT OR REGISTRATION IN LING. 300.
3 HOURS OR 1 UNIT.

17911	LECT-DISC	2	M	W	F	160	M E B	

COMM 351 ADVANCED SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 351 AND SOC. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND EITHER PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.
3 HOURS, OR 1/2 OR 1 UNIT.

17929	LECT	10	M	W	F	29	PSYCH BLDG	

COMM 352 ATTITUDE THEORY AND MEASUREMENT.
SAME AS PSYCH. 352 AND SOC. 352.
PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT.

17936	LECT	1	M	W	F	13	PSYCH BLDG	

COMM 414 SEMINAR ON SOCIAL INTERACTION.
SAME AS SOC. 414.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
1 UNIT.
17943 LECT-DISC A 3-5 TH 333 L H

COMM 420 SEMINAR IN SEMANTICS.
SAME AS PHIL. 420.
PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC--REFERRING.
17951 LECT-DISC 1-3 W 402 G H

COMM 425 PSYCHOLINGUISTICS.
SAME AS PSYCH. AND LING. 425.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
17968 LECT 2-4 W 13 PSYCH BLDG

COMM 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
SAME AS PSYCH. 456.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.
17975 LECT 1-3 TH 29 PSYCH BLDG

COMM 462 SEMINAR IN RADIO AND TELEVISION.
SAME AS R. TV. 462.
1 UNIT.
17982 LECT-DISC 3-5 M 123 G H DOUGLASS

COMM 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
SAME AS JOURN. 468.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
17990 LECT-DISC 10-12 TU 123 G H GUBACK

COMM 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS JOURN. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
18002 LECT-DISC 3-5 TU 123 G H KREILING

COMM 471 PRO-SEMINAR IN COMMUNICATIONS, I.
SAME AS JOURN. 471.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
18010 LECT-DISC 1-3 TH 123 G H CAREY

COMM 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
SAME AS JOURN. 473.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
18027 LECT-DISC 10-12 TH 123 G H JENSEN

COMM 474 COMMUNICATIONS SYSTEMS.
SAME AS JOURN. 474.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
18034 LECT-DISC 3-5 TH 123 G H

COMM 481 ADVANCED ADVERTISING PRINCIPLES.
SAME AS ADV. 481.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
*GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND COMM. 481.
*1 UNIT.
18041 LECT-DISC 3-5 W 123 G H WEDDING

COMM 482 RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.
SAME AS ADV. 482.
PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS AND CONSENT CONSENT OF THE DEPARTMENT.
1 UNIT.

18059	LECT-DISC	1-3	TU	123	G H	DUNN

COMM 490 SPECIAL TOPICS IN COMMUNICATIONS.
PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY IN COMMUNICATIONS.
1/2 TO 2 UNITS.

18066	CONF	ARR				STAFF

COMM 492 RESEARCH METHODS IN COMMUNICATIONS.
SAME AS JOURN. 492.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

18073	LECT-DISC	*3-5	W	18	G H	WIGGINS

COMM 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY IN COMMUNICATIONS AND THESIS SUPERVISOR.
*STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS.
*0 TO 4 UNITS.

18081	CONF	ARR				STAFF

COMPARATIVE LITERATURE

DEPARTMENT OFFICE 401 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C LIT 309 CONTEMPORARY PERSIAN LITERATURE AND WESTERN INFLUENCE (IN TRANSLATION).
SAME AS PERS. 309.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

18098	LECT-DISC	ARR				

C LIT 363 INTRODUCTION TO COMPARATIVE LITERATURE, I.
SAME AS HUMAN. 363.
3 HOURS OR 3/4 UNIT.

18109	LECT-DISC D	11	TU TH	116	L H	SMALLEY
18116	LECT-DISC F	2	TU TH	170	L H	SMALLEY

C LIT 394 INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS.
SAME AS SPCH. 346 AND ENGL., GER., AND SLAV. 394.
PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE RECOMMENDED.
3 HOURS OR 3/4 UNIT.

18123	LECT-DISC F	2	M W F	337	ARMORY	A. GREEN

COURSES FOR GRADUATES

C LIT 401 THEORY OF LITERATURE.
PREREQUISITE: READING KNOWLEDGE OF TWO MODERN FOREIGN LANGUAGES, CONSENT OF INSTRUCTOR.
1 UNIT.

18131	LECT-DISC	4-6	W	303	E B	ALDRIDGE

C LIT 451 SEMINAR IN LITERARY MOVEMENTS.
*STUDENTS MAY ACCUMULATE 3 UNITS.
*1 UNIT.
SECTION C: THE AGE OF CLASSICISM.
SECTION F: DANTE AND THE MEDIEVAL TRADITION.

18148	LECT-DISC C	10-12	TH	304	G H	ALDRIDGE
18155	LECT-DISC F	2-4	TU	1018	F L B	MONTANO

C LIT 453 PROBLEMS IN ROMANTIC LITERATURE.
SAME AS ENGL. 476.
1 UNIT.

18162	LECT-DISC	C	10	M	W	309	LIB	WILKIE

C LIT 455 STUDIES IN THE ROMANTIC MOVEMENT, II.
SAME AS ENGL. 428.
1 UNIT.

18170	LECT-DISC		12	M	W	309	LIB	WILKIE

C LIT 462 SEMINAR IN SPANISH-AMERICAN NOVEL.
SAME AS SPAN. 436.
PREREQUISITE: SPAN. 433 OR 434.
1 UNIT.

18187	LECT-DISC		10	M	W	1118	F L B	LEAL

C LIT 471 SEMINAR IN LITERARY RELATIONS.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.
SECTION G: FOREIGN SOURCES OF FRENCH LITERATURE WITH EMPHASIS ON FRANCO-GERMAN RELATIONS. (IN FRENCH).

18194	LECT-DISC	G	3-5	M		325	G H	JOST

C LIT 481 SEMINAR IN LITERARY THEMES AND TYPES.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.
SUBJECT: THE 18TH CENTURY EUROPEAN NOVEL: STUDIES IN THEMES AND TYPES.

18205	LECT-DISC		3-5	TU		303	E B	JOST

C LIT 482 SEMINAR IN MODERN GERMAN LITERATURE.
SAME AS GER. 461.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.
SECTION T: DICHTERKREISE DES SPATEN 19. UND 20. JAHRHUNDERTS.

18220	LECT-DISC	T	3-530	TU		429	LIB	LORBE
18212	LECT-DISC	Y	ARR					

C LIT 493 SPECIAL STUDIES.
1/4 TO 1 UNIT.

18237	CONF		ARR					

C LIT 499 THESIS RESEARCH.
*MAXIMUM CREDIT FOR MASTER'S CANDIDATES IS 2 UNITS.
*0 TO 4 UNITS.

18244	CONF		ARR					

DEPARTMENT OFFICE 252 D C L

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140 (OR 131, 141), 341, 342, 317, 318 347, 348 (OR 361).

FIRST MINOR: C. S. 121, 201, 287 AND ONE OF COMPUTER SCIENCE 293, 294, 301 OR 310.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR, OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUBSTITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE:

1. SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.
2. COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES.
3. COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387, 391, 392, 393, 394, 397.
4. REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR NO LATER THAN THE END OF HIS JUNIOR YEAR.

THE FOLLOWING COURSES ARE OFFERED DURING THE FALL SEMESTER ONLY:

C S 107, C S 301, C S 310 C S/AGRON 365, C S/E E 385, C S/E E 393, C S/E E 394, C S/MATH 457, C S/E E/MATH 463.

IT IS PLANNED TO OFFER THE FOLLOWING IN THE SPRING SEMESTER:

C S 306, C S 311, C S 367, C S/PSYCH/SOC 413, C S/E E 414, C S 443, C S/E E 456, C S/MATH 458, C S/E E 485.

COURSES FOR UNDERGRADUATES

C S 101 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*3 HOURS.
GRADUATE STUDENTS DESIRING AN ELEMENTARY KNOWLEDGE OF PROGRAMMING SHOULD ENROLL IN COMPUTER SCIENCE 400.
EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, OCTOBER 26, 1971, AND TUESDAY, DECEMBER 7, 1971, AT 7 P.M.
NOTE: IN EACH CASE, THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LECTURE OF THE WEEK.

18251	LECT	B1	9	M W	100	M M B	REINGOLD
18269	LECT	C1	10	M W	100	M M B	REINGOLD
18276	LECT	D1	11	M W	100	M M B	MURRELL
18283	LECT	M1	9	TU TH	112	C A	PHILLIPS
18291	LECT	N1	10	TU TH	116	E C	PHILLIPS
18301	QUIZ	E1	1	W	161	E E B	
18319	QUIZ	F1	2	W	161	E E B	
18326	QUIZ	G1	3	W	161	E E B	
18333	QUIZ	M2	9	TH	161	E E B	

C S 101 CONTINUED

18341	QUIZ	M3	9		TH	403	M M B	
18358	QUIZ	M4	9		TH	57	E E B	
18365	QUIZ	N2	10		TH	161	E E B	
18372	QUIZ	N3	10		TH	200	T L	
18380	QUIZ	N4	10		TH	420	E H	
18397	QUIZ	N5	10		TH	305	M M B	
18408	QUIZ	P1	11		TH	161	E E B	
18415	QUIZ	P2	11		TH	200	T L	
18422	QUIZ	P3	11		TH	322	E H	
18430	QUIZ	P4	11		TH	420	E H	
18447	QUIZ	R1	1		TH	161	E E B	
18454	QUIZ	R2	1		TH	200	T L	
18461	QUIZ	R3	1		TH	314	E H	
18479	QUIZ	S1	2		TH	161	E E B	
18486	QUIZ	S2	2		TH	200	T L	
18493	QUIZ	S3	2		TH	314	E H	
18504	QUIZ	T1	3		TH	161	E E B	
18511	QUIZ	T2	3		TH	200	T L	
18529	QUIZ	A1	8		F	161	E E B	
18536	QUIZ	A2	8		F	252	M E B	
18543	QUIZ	B2	9		F	252	M E B	
18551	QUIZ	B3	9		F	260	M E B	
18568	QUIZ	B4	9		F	143B	M E B	
18575	QUIZ	C2	10		F	161	E E B	
18582	QUIZ	C3	10		F	200	T L	
18590	QUIZ	C4	10		F	252	M E B	
18601	QUIZ	C5	10		F	260	M E B	
18618	QUIZ	D2	11		F	161	E E B	
18625	QUIZ	D3	11		F	236	M E B	
18632	QUIZ	D4	11		F	252	M E B	
18640	QUIZ	D5	11		F	260	M E B	
18657	QUIZ	E2	1		F	161	E E B	
18664	QUIZ	E3	1		F	200	T L	
18671	QUIZ	E4	1		F	252	M E B	
18689	QUIZ	E5	1		F	260	M E B	
18696	QUIZ	F2	2		F	161	E E B	
18707	QUIZ	F3	2		F	200	T L	
18714	QUIZ	F4	2		F	305	M M B	

C S 103 INTRODUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER PROGRAMMING.

PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS OR STATISTICS.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121

*3 HOURS.

18721	LECT	D1	11	M	W	151	E E B	DICKMAN
18739	QUIZ	E1	1		W	101	WOODSHOP	
18746	QUIZ	M1	9		TH	101	WOODSHOP	
18753	QUIZ	B1	9		F	217	M E L	
18761	QUIZ	D2	11		F	217	M E L	

C S 105 INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS AND COMMERCE.

*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.

*3 HOURS.

EVENING HOUR EXAMS WILL BE GIVEN ON WEDNESDAY, OCTOBER 27, 1971, AND WEDNESDAY, DECEMBER 8, 1971, AT 7 P.M.

18778	LECT	A1	8	M	W	103	M H	MONTANELLI
18785	LECT	B1	9	M	W	103	M H	MONTANELLI
18792	LECT	D1	11	M	W	314	A H	FRIEDMAN
18803	QUIZ	M1	9		TH	217	M E L	
18811	QUIZ	M2	9		TH	20	COM W	
18828	QUIZ	M3	9		TH	194	L H	
18835	QUIZ	N1	10		TH	217	M E L	
18842	QUIZ	N2	10		TH	28	COM W	
18850	QUIZ	N3	10		TH	111	D K H	
18867	QUIZ	P1	11		TH	111	D K H	
18874	QUIZ	P2	11		TH	270	L H	
18881	QUIZ	P3	11		TH	336	L H	
18899	QUIZ	R1	1		TH	101	WOODSHOP	
18900	QUIZ	R2	1		TH	111	D K H	
18917	QUIZ	R3	1		TH	396	L H	
18924	QUIZ	S1	2		TH	101	WOODSHOP	
18931	QUIZ	S2	2		TH	111	D K H	
18949	QUIZ	S3	2		TH	123	D K H	

C S 105 CONTINUED

18956	QUIZ	B2	9	F	326	D K H	
18963	QUIZ	B3	9	F	108	L H	
18971	QUIZ	B4	9	F	186	L H	
18988	QUIZ	C2	10	F	40	COM W	
18995	QUIZ	C3	10	F	120	COM W	
19008	QUIZ	C4	10	F	126	COM W	
19015	QUIZ	D2	11	F	40	COM W	
19022	QUIZ	D3	11	F	120	COM W	
19030	QUIZ	D4	11	F	126	COM W	
19047	QUIZ	E1	1	F	101	WOODSHOP	
19054	QUIZ	E2	1	F	20	COM W	
19061	QUIZ	E3	1	F	325	D K H	
19079	QUIZ	F1	2	F	101	WOODSHOP	
19086	QUIZ	F2	2	F	20	COM W	
19093	QUIZ	F3	2	F	326	D K H	

C S 107 INTRODUCTION TO DIGITAL COMPUTING FOR SECONDARY SCHOOL TEACHERS.
PREREQUISITE: ONE YEAR OF COLLEGE CALCULUS.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*3 HOURS.
NOTE: THIS COURSE OFFERED FALL SEMESTER ONLY.

19104	LECT	M1	9	TU TH	119	M M B	RAY
19111	QUIZ	P1	11	TH	217	M E L	
19129	QUIZ	B1	9	F	152	ADMIN	
19136	QUIZ	D1	11	F	159	A H	
19143	QUIZ	E1	1	F	217	M E L	
19151	QUIZ	F1	2	F	217	M E L	

C S 109 HONORS COURSE IN COMPUTER SCIENCE.
ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR TALENTS IN COMPUTER SCIENCE.
PREREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121.
1 HOUR.

19168	LECT-DISC		ARR				FRIEDMAN

C S 121 INTRODUCTION TO COMPUTER PROGRAMMING.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*4 HOURS.

19175	LECT	N1	10	TU TH	114	D K H	GEAR
19182	QUIZ	R1	1	TH	217	M E L	
19190	QUIZ	S1	2	TH	217	M E L	
19201	QUIZ	A1	8	F	217	M E L	
19218	QUIZ	B1	9	F	216	L H	
19225	QUIZ	C1	10	F	240	ADMIN	
19232	QUIZ	D1	11	F	240	ADMIN	

C S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

19240	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

C S 201 MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.
PREREQUISITE: C. S. 101 OR 121, OR CONSENT OF INSTRUCTOR.
3 HOURS.
*NON-COMPUTER SCIENCE MAJORS REGISTER IN SECTION B1.
IN ORDER TO GUARANTEE ACCESS TO A SCARCE RESOURCE, 4 HOURS PER WEEK OF CONSOLE TIME FOR HOMEWORK WILL BE SCHEDULED AND GUARANTEED TO EACH STUDENT.

19264	LECT-DISC	*B1	9	M W F	151	E E B	BOWDON
19257	LECT-DISC	N	1030-12	TU TH	100	M M B	GILLIES

C S 209 HONORS COURSE IN COMPUTER SCIENCE.
PREREQUISITE: C. S. 101 OR 121; REGISTRATION IN C. S. 201 OR 294; CONSENT OF INSTRUCTOR.
1 HOUR.

19271	LECT-DISC	&A	ARR				GILLIES
19289	LECT-DISC	&B	ARR				FAIMAN

C S 287 INTRODUCTION TO NUMERICAL ANALYSIS.
SAME AS MATH. 287.
PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR.
3 HOURS.

19296	LECT-DISC	C1	10	M W F	238	ADMIN		WATANABE

C S 290 INDIVIDUAL STUDY.
PREREQUISITE: C. S. 101 OR 121; C. S. 201 OR 294; OR CONSENT OF INSTRUCTOR.
1 OR 2 HOURS.

19307	CONF		ARR					STAFF

C S 293 INTRODUCTION TO COMPUTER HARDWARE.
PREREQUISITE: C. S. 101, 103, OR 121; MATH. 142 OR 143; OR CONSENT OF INSTRUCTOR.
3 HOURS.

19314	LAB-DISC	B1	9	M W F	115	D C L		POPPELBAUM

C S 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS E. E. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS.

19321	LECT	M	830-10	TU TH	151	E E B		FAIMAN

C S 297 SPECIAL TOPICS IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
*SECTION A TOPIC: COMPUTERS AND SOCIETAL PROBLEMS.

19339	LECT-DISC	*A	10-1120	TU TH	101	WOODSHOP		SLOTNICK

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

C S 301 FORMAL THEORY OF LANGUAGES.
PREREQUISITE: C. S. 201, AND SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19346	LECT-DISC	F1	2	M W F	202	H H		CUDIA

C S 310 INFORMATION STRUCTURES.
PREREQUISITE: C. S. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19353	LECT-DISC	D1	11	M W F	218	CER		MCCORMICK

C S 357 COMPUTER-ASSISTED INSTRUCTION.
SAME AS SE. ED. 357.
PREREQUISITE: C. S. 107 OR AN EQUIVALENT COURSE; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

19361	LECT-DISC	A	3-5	TH	91	COM W		HICKS
19378	LECT-DISC	B	3-5	TU	382	EDUC		HICKS

C S 365 DIGITAL COMPUTER METHODS FOR STATISTICAL DATA PROCESSING.
SAME AS AGRON. 365.
PREREQUISITE: C. S. 101, 103, 107, OR 121, AND A COURSE IN STATISTICS OR STATISTICAL METHODS OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19385	LECT-DISC		11	M W F	W223	T H		CARMER

C S 383 LINEAR PROGRAMMING.
SAME AS MATH. 383.
PREREQUISITE: ONE YEAR OF CALCULUS.
3 HOURS OR 1 UNIT.

19392	LECT-DISC	B1	9	M W F	159	A H		

C S 385 THEORY OF SEMICONDUCTOR COMPUTER DEVICES.
SAME AS E. E. 385.
PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

19403	LECT-DISC	B	9	M W F	161	E E B		KUBITZ

C S 387 NUMERICAL ANALYSIS.
SAME AS MATH. 387.
PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19411	LECT-DISC	B1	9	M W F	165	A H		SAMEH

C S 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS E. E. AND MATH. 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

19428	LECT-DISC	C1	10	M W F	245	E E B		MUROGA
19435	LECT-DISC	D1	11	M W F	149	ADMIN		MULLER

C S 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS E. E. AND MATH. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

19442	LECT-DISC	N1	10-1130	TU TH	156	ADMIN		METZE

C S 393 DIGITAL COMPUTER CIRCUIT DESIGN.
SAME AS E. E. 393.
PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19450	LECT-DISC	B1	9	M W F	202	T B		MURRELL

C S 394 LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS.
SAME AS E. E. 394.
PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

19467	LECT-DISC	C1	10	M W F	217	M E L		ROBERTSON

C S 397 SPECIAL TOPICS IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 3 HOURS, OR 1/2 TO 1 UNIT.
*SECTION A TOPIC: INFORMATION DISPLAY DEVICES AND SYSTEMS.

19474	LECT-DISC	*A	9-1020	TU TH	321	A H		KUBITZ

COURSES FOR GRADUATES

C S 400 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING FOR GRADUATE STUDENTS.
1 HOUR.

19481	LECT-DISC	P1	11	TU	119	M M B		RAY

C S 457 ADVANCED NUMERICAL ANALYSIS.
SAME AS MATH. 457.
PREREQUISITE: C. S. OR MATH. 387 OR CONSENT OF INSTRUCTOR.
1 UNIT.

19499	LECT-DISC	S1	2	M W F	302	ARCH		SAYLOR

C S 463 INFORMATION THEORY.
SAME AS E. E. AND MATH. 463.
PREREQUISITE: MATH. 361 OR EQUIVALENT.
1 UNIT.

19500	LECT-DISC	L1	830-10	TU TH	256	M E B		PREPARATA

C S 465 TOPICS IN AUTOMATA THEORY.
SAME AS E. E. AND MATH. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.

19517	LECT-DISC	B1	9	M W F	257	A H		MULLER

C S 490 INDIVIDUAL STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

19524	CONF		ARR					STAFF

C S 491 SEMINAR IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.
*SECTION A TOPIC: MICROPROGRAMMING. CREDIT - 1 UNIT.
*SECTION B TOPIC: FORMAL GRAMMARS. 1 UNIT.
*SECTION C TOPIC: ARCHITECTURE, APPLICATIONS, AND LANGUAGES FOR A PARALLEL COMPUTER. CREDIT--1/2 TO 1 UNIT.
*SECTION D TOPIC: THEORY OF ALGORITHMS. CREDIT--1 UNIT.

19531	CONF	*A	ARR			BOWDON
19549	CONF	*B	11-1220	TU TH	105F WOODSHOP	CUDIA
19556	CONF	*C	ARR			SLOTNICK
19563	CONF	*D	ARR			REINGOLD

C S 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
*SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE.
*SECTION B IS FOR CANDIDATES FOR A PH.D. DEGREE.

19571	CONF	*A	ARR	STAFF
19588	CONF	*B	ARR	STAFF

DAIRY SCIENCE

DEPARTMENT OFFICE 315 A S L

COURSES FOR UNDERGRADUATES

D S 100 INTRODUCTION TO DAIRY PRODUCTION.
3 HOURS.

19595	LECT	A	9	M	135 A S L	
	QUIZ	A	9	F	135 A S L	
	LAB	A	8-10	W	STOCK PAVILION	

D S 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., AGRON., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.
*FOR VETERINARY MEDICINE STUDENTS ONLY.

19606	LAB	1	1-3	TU	W 13 T H	ALEXANDER AN
	LECT		2	M W	W109 T H	OTHERS
19613	LAB	2	3-5	TU	W 13 T H	
	LECT		2	M W	W109 T H	
19621	LAB	3	1-3	TH	W 13 T H	
	LECT		2	M W	W109 T H	
19638	LAB	4	*3-5	M	W 13 T H	
	LECT		*2	M W	W109 T H	
19645	LAB	5	*2-4	F	W 13 T H	
	LECT		*2	M W	W109 T H	

COURSES FOR ADVANCED UNDERGRADUATES

D S 205 DAIRY CATTLE MANAGEMENT.
3 HOURS.

19652	LECT		11	M W F	316N M H	SPAHR

D S 221 ANIMAL NUTRITION.
SAME AS AN. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, OR 133.
4 HOURS.

19660	LECT-DISC		10	TUWTHF	135 A S L	OWENS AND BAUMAN

S 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS, OR 1/2 TO 1 UNIT.
SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

19677	CONF	A	ARR					HARSHBARGER
19684	CONF	*&B	ARR					AND STAFF

S 330 REPRODUCTION AND ARTIFICIAL INSEMINATION OF FARM ANIMALS.
SAME AS AN. S. 330.
PREREQUISITE: ZOOL. 104 AND EITHER D. S. 100 OR AN. S. 100.
3 HOURS OR 3/4 UNIT.

19691	LECT		1	TU TH	W109	T H		LODGE AND
19702	LAB	A	2-4	TU	414	A S L		GRAVES
19710	LAB	B	2-4	TH	414	A S L		
19727	LAB	C	10-12	TU	414	A S L		

S 334 MARKETING OF DAIRY PRODUCTS.
SAME AS AG. EC. 334.
PREREQUISITE: AG. EC. 230, OR AN ELEMENTARY MARKETING COURSE OR TWELVE HOURS OF DAIRY SCIENCE OR DAIRY TECHNOLOGY.
INSPECTION TRIP, ESTIMATED EXPENSE, $5.
3 HOURS, OR 3/4 OR 1 UNIT.

19734	LECT-DISC		10	M W F	316N	M H		GRUEBELE

S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., F. S. FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

19741	LAB-DISC	1	1-3	TU	W223	T H		SIEF
	LECT		9	TU TH	120	ARCH		
19759	LAB-DISC	2	3-5	TU	W223	T H		
	LECT		9	TU TH	120	ARCH		
19766	LAB-DISC	3	1-3	W	W223	T H		
	LECT		9	TU TH	120	ARCH		
19773	LAB-DISC	4	3-5	W	W223	T H		
	LECT		9	TU TH	120	ARCH		

COURSES FOR GRADUATES

S 402 THE MICROBIOLOGY AND PHYSIOLOGY OF RUMINANT NUTRITION.
PREREQUISITE: CHEM. 350, 355, OR EQUIVALENT.
3/4 UNIT.

19781	LECT		11	TU TH	341	A S L		BRYANT AND
	LAB		ARR		NUTR FLD LAB			DAVIS

S 412 ADVANCED ENDOCRINOLOGY.
SAME AS AN. S., PHYSL., AND ZOOL. 412.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC--TO BE ANNOUNCED

19798	DISC		730-10PM	M	140	BUR HALL		NALBANDOV, GORSKI, FOSTER AND JACKSON

S 415 ADVANCED ANIMAL GENETICS.
SAME AS AN. S. 415.
PREREQUISITE: AN. S. 305 OR EQUIVALENT.
1 UNIT.

19809	LECT-DISC		9	M W F	104	AN GEN		GROSSMAN

D S 450 DAIRY BACTERIOLOGY.
PREREQUISITE: TEN HOURS OF ADVANCED MICROBIOLOGY AND/OR CHEMISTRY, AND CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
19816 LAB ARR WOLIN AND BRYANT

D S 490 DAIRY SCIENCE SEMINAR.
0 OR 1/2 UNIT.
19823 LECT-DISC 4 W 341 A S L HARSHBARGER AND STAFF

D S 493 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.
19831 CONF ARR HARSHBARGER AND STAFF

D S 499 THESIS RESEARCH.
0 TO 4 UNITS.
19848 CONF ARR HARSHBARGER AND STAFF

DAIRY TECHNOLOGY

OFFICE 104 D M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR. THIS TRIP COSTS THE STUDENT ABOUT $20.

COURSES FOR GRADUATES

D T 404 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY.
*STUDENTS MAY ACCUMULATE ONE-HALF UNIT.
*0 TO 1/4 UNIT.
19855 LECT-DISC ARR STAFF

D T 499 THESIS RESEARCH.
0 TO 4 UNITS.
19862 CONF ARR STAFF

DEPARTMENT OFFICE 162 KRAN CENTER

PROFESSIONAL COURSES FOR UNDERGRADUATES

DANCE 101 BEGINNING MODERN DANCE.
FOR NON-DANCE MAJORS.
*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.
*1 HOUR.

19870	LAB	G	3	M W F	218	E B
19887	LAB	H	4	M W F	218	E B
19894	LAB	N1	1030-12	TU TH	DANCE	RHRSL KRAN
19905	LAB	N2	1030-12	TU TH	218	E B

DANCE 102 INTERMEDIATE MODERN DANCE.
FOR NON-DANCE MAJORS.
PREREQUISITE: DANCE 101 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.
*1 HOUR.

19912	LAB	T	3-430	TU TH	218	E B

DANCE 150 ORIENTATION TO DANCE.
2 HOURS.
STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL IN SE. ED. 101, DANCE SECTION.

19920	LECT-DISC	P	11	TU TH	A ENSEMBLE	KRAN
19937	LECT-DISC	P1	11	TU TH	B ENSEMBLE	KRAN

DANCE 160 BEGINNING TECHNIQUE.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
*3 HOURS.

19944	LAB	B	9-1030	MTUWTHF	DANCE	RHRSL KRAN
19951	LAB	B1	9-1030	MTUWTHF	218	E B
19969	LAB	B2	9-1030	MTUWTHF	1115	W OREGON

DANCE 162 IMPROVISATION, I.
1 HOUR.

19976	LAB	D	11	M W F	DANCE	RHRSL KRAN
19983	LAB	D1	11	M W F	218	E B
19991	LAB	D2	11	M W F	1115	W OREGON

DANCE 164 BEGINNING COMPOSITION.
PREREQUISITE: DANCE 163 OR CONSENT OF INSTRUCTOR.
2 HOURS.

20007	LAB	F	2-4	M W	10	FREER GYM
20014	LAB	F1	230-430	M W	1115	W OREGON
20021	LAB	S	2-4	TU TH	1115	W OREGON

DANCE 165 INTERMEDIATE TECHNIQUE.
PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
*3 HOURS.

20039	LAB	X	12-130	MTUWTHF	DANCE	RHRSL KRAN
20046	LAB	X1	12-130	MTUWTHF	218	E B

DANCE 166 BEGINNING BALLET, I.
PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE FOR CREDIT.
*1 HOUR.

20053	LAB	Q1	1215-145	TU TH	1115	W OREGON
20061	LAB	B	9-1030	M W	10	FREER GYM
20078	LAB	C1	1030-12	M W	10	FREER GYM
20085	LAB	E	1-230	M W	1115	W OREGON

DANCE 168 MUSIC THEORY AND PRACTICE FOR DANCE, I.
2 HOURS.

20092	LAB-DISC	F	2	M W F	901	W ILLINOIS
20103	LAB-DISC	G	3	M W F	901	W ILLINOIS
20111	LAB-DISC	H	4	M W F	901	W ILLINOIS

DANCE 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

20128	LAB		ARR				

PROFESSIONAL COURSES FOR ADVANCED UNDERGRADUATES

DANCE 243 CREATIVE DANCE FOR CHILDREN.
PREREQUISITE: DANCE 163 AND 165, OR CONSENT OF INSTRUTOR.
3 HOURS.

20135	LECT-DISC	B	9	M W		901 W ILLINOIS	
	LAB	B	9-12		S	218	E B

DANCE 260 ADVANCED TECHNIQUE, I.
PREREQUISITE: DANCE 165 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
*3 HOURS.

20142	LAB	E1	130-3	MTUWTHF	DANCE RHRSL	KRAN
20150	LAB	E2	130-3	MTUWTHF	218	E B

DANCE 266 INTERMEDIATE BALLET, I.
PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.
1 HOUR.

20167	LAB	N1	1030-12	TU TH	1115 W OREGON

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

DANCE 340 HISTORY OF DANCE, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 TO 1 UNIT.
*SECTION C IS FOR UNDERGRADUATE STUDENTS.
*SECTION D IS FOR GRADUATE STUDENTS.

20174	LECT	*C	10	M W F	901 W ILLINOIS
20181	LECT	*D	11	M W F	901 W ILLINOIS

DANCE 350 DANCE REPERTORY WORKSHOP.
PREREQUISITE: ENROLLMENT IN ADVANCED TECHNIQUE COURSE AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 2 UNITS.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

20199	LAB	G	3-5	M W	DANCE RHRSL KRAN

DANCE 351 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 8 HOURS OR 1 UNIT.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

20200	LAB	G	3-5	F	10	FREER GYM
20217	LAB	H	4-6	W	10	FREER GYM

DANCE 365 ADVANCED COMPOSITION.
PREREQUISITE: DANCE 264 OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

20224	LAB-DISC	N	10-12	TU TH	10	FREER GYM
20231	LAB-DISC	T	3-5	TU TH	DANCE RHRSL	KRAN

COURSES FOR GRADUATES

DANCE 400 PROBLEMS IN DANCE EDUCATION.
PREREQUISITE: DANCE 243 OR 244 OR EQUIVALENT.
1 UNIT.

20249	LECT-DISC	M	9-11	TU	901 W ILLINOIS

DANCE 401 CHOREOGRAPHY.
PREREQUISITE: DANCE 345 OR EQUIVALENT.
1/2 TO 2 UNITS.

20256	LAB	H	4-6	M	10	FREER GYM
20263	LAB	T	3-5	TU TH	10	FREER GYM

DANCE 490 DANCE SEMINAR.

20271	DISC	ARR		901 W ILLINOIS

DANCE 499 THESIS RESEARCH.
1/2 TO 2 UNITS.

20288	CONF	ARR	901 W ILLINOIS

ECONOMICS

DEPARTMENT OFFICE 330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OR 102 AND 103, 171, 300, AND 301.
STUDENTS ARE ADVISED TO TAKE ONE OF THE FOLLOWING MATH. SEQUENCES: MATH. 120, 130, 140; OR MATH. 120, 131, 141; OR MATH. 135, 145. MINIMUM REQUIREMENTS OF THE DEPARTMENT CAN BE SATISFIED BY MATH. 120, 130; OR MATH. 120, 131; OR MATH. 135; OR MATH. 124, 134. IN ADDITION STUDENTS CONSIDERING GRADUATE WORK SHOULD TAKE MATH. 315. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201, WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY. AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINOR MUST INCLUDE TWELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SOPHOMORE YEAR.

COURSES FOR UNDERGRADUATES

ECON 102 PRINCIPLES OF ECONOMICS, I.
PREREQUISITE: ONE SEMESTER OF COLLEGE WORK.
3 HOURS.
*SECTION &F IS OPEN ONLY TO JAMES SCHOLARS, OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.
LECTURE-DISCUSSIONS 1 AND 2 WILL BE TAUGHT BY SENIOR FACULTY.

20384	LECT-DISC	*&F	2	M W F	226	COM W
20295	LECT-DISC	1	8	M W F	241	COM W
20306	LECT-DISC	2	12	M W F	241	COM W

STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

20313	QUIZ	A1	9	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20321	QUIZ	A2	10	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20338	QUIZ	A3	11	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20345	QUIZ	A4	12	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20352	QUIZ	A5	1	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20360	QUIZ	A6	2	TU TH	119	D K H
	LECT	A	11	F	141	COM W
20377	QUIZ	A7	2	TU TH	305	D K H
	LECT	A	11	F	141	COM W

ECON 103 PRINCIPLES OF ECONOMICS, II.
PREREQUISITE: ECON. 102.
3 HOURS.

20391	LECT-DISC	A	8	M	W	F	245	COM W
20402	LECT-DISC	A1	8	M	W	F	140	COM W
20410	LECT-DISC	A2	8	M	W	F	126	COM W
20427	LECT-DISC	B	9	M	W	F	221	G H
20434	LECT-DISC	B1	9	M	W	F	125	D K H
20441	LECT-DISC	C	10	M	W	F	209	D K H
20459	LECT-DISC	C1	10	M	W	F	312	D K H
20466	LECT-DISC	D	11	M	W	F	328	D K H
20473	LECT-DISC	D1	11	M	W	F	317A	D K H
20481	LECT-DISC	X	12	M	W	F	140	COM W
20498	LECT-DISC	X1	12	M	W	F	130	COM W
20509	LECT-DISC	X2	12	M	W	F	243	COM W
20516	LECT-DISC	E	1	M	W	F	209	D K H
20523	LECT-DISC	E1	1	M	W	F	328	D K H
20531	LECT-DISC	F	2	M	W	F	111	D K H
20548	LECT-DISC	F1	2	M	W	F	223	D K H
20555	LECT-DISC	F2	2	M	W	F	209	D K H

ECON 108 ELEMENTS OF ECONOMICS.
NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102 AND 103.
PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING, SECOND SEMESTER FRESHMAN IN OTHER COLLEGES.
3 HOURS.
LECTURE-DISCUSSIONS &1, &2, AND &3 ARE OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.
LECT-DISC 4 IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.
LECTURE-DISCUSSIONS 5 AND 6 WILL BE TAUGHT BY SENIOR FACULTY.

20893	LECT-DISC	&1	10-1130	TU	TH		126	COM W
20904	LECT-DISC	&2	1030-12	TU	TH		140	COM W
20911	LECT-DISC	&3	1-230	TU	TH		140	COM W
20929	LECT-DISC	4	9-1030	TU	TH		140	COM W
20936	LECT-DISC	5	12	M	W	F	245	COM W
20943	LECT-DISC	6	3	M	W	F	245	COM W

STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

20562	QUIZ	A1	8	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20570	QUIZ	A2	9	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20587	QUIZ	A3	10	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20594	QUIZ	A4	11	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20605	QUIZ	A5	12	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20612	QUIZ	A6	1	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20620	QUIZ	A7	2	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20637	QUIZ	A8	3	TU	TH		222	D K H
	LECT	A	3	M			141	COM W
20644	QUIZ	B1	8	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20651	QUIZ	B2	9	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20669	QUIZ	B3	10	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20676	QUIZ	B4	11	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20683	QUIZ	B5	12	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20691	QUIZ	B6	1	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20701	QUIZ	B7	2	TU			223	D K H
	LECT	B	3		W	F	141	COM W
20719	QUIZ	C1	8	TU	TH		307	D K H
	LECT	C	2			F	141	COM W
20726	QUIZ	C2	9	TU	TH		307	D K H
	LECT	C	2			F	141	COM W
20733	QUIZ	C3	10	TU	TH		307	D K H
	LECT	C	2			F	141	COM W
20741	QUIZ	C4	11	TU	TH		307	D K H
	LECT	C	2			F	141	COM W

ECON 108 CONTINUED

20758	QUIZ	C5	12	TU TH	307	D K H	
	LECT	C	2	F	141	COM W	
20765	QUIZ	C6	1	TU TH	307	D K H	
	LECT	C	2	F	141	COM W	
20772	QUIZ	C7	2	TU TH	307	D K H	
	LECT	C	2	F	141	COM W	
20780	QUIZ	C8	3	TU TH	307	D K H	
	LECT	C	2	F	141	COM W	
20797	QUIZ	D1	8	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20808	QUIZ	D2	9	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20815	QUIZ	D3	10	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20822	QUIZ	D4	11	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20830	QUIZ	D5	12	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20847	QUIZ	D6	1	TH	223	D K H	
	LECT	D	2	M W	141	COM W	
20854	QUIZ	D7	2	TH	223	D K H	
	LECT	D	2	M W	141	COM W	

STUDENTS ENROLLED IN ECONOMICS 108 MAY ALSO ENROLL, ON AN OPTIONAL BASIS, IN ONE OF THE CONFERENCE SECTIONS FOR AN ADDITIONAL ONE HOUR OF CREDIT. THESE CONFERENCE SECTIONS WILL BE LIMITED IN ENROLLMENT AND WILL BE STAFFED BY SENIOR FACULTY MEMBERS. EACH SECTION WILL BE DEVOTED TO DISCUSSION OF PARTICULAR CURRENT ECONOMIC PROBLEMS AS NOTED BELOW:

SECTION M: INTERNATIONAL ECONOMICS.
*SECTION B: SELECTED CONTEMPORARY ECONOMICS. RESTRICTED TO STUDENTS INTERESTED IN TEACHING IN PUBLIC SCHOOLS.
SECTION T: ECONOMIC DEVELOPMENT WITH EMPHASIS ON TROPICAL AFRICA.

20861	CONF	*M	9	TU	20	COM W	FERBER
20879	CONF	*B	9	W	11	COM W	PADEN
20886	CONF	*T	3	TH	126	COM W	DUE

ECON 171 INTRODUCTORY ECONOMIC STATISTICS.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: CONCURRENT REGISTRATION IN MATH. 134.
*NOT OPEN FOR CREDIT IN ADDITION TO ECON. 172 AND 173, MATH. 161, OR PSYCH. 135.
*3 HOURS.

20951	LECT-DISC	M	9-1030	TU TH	40	COM W	
20968	LECT-DISC	R	1-230	TU TH	40	COM W	

ECON 172 ECONOMIC STATISTICS, I.
PREREQUISITE: MATH. 134 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN ECON. 102 OR 108.
3 HOURS.
*SECTION &E1 IS OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.

20975	LECT-DISC	A	8	M W F	130	COM W	
	LAB	A	8	TU	205	D K H	
20982	LECT-DISC	A1	8	M W F	222	D K H	
	LAB	A1	8	TU	205	D K H	
20990	LECT-DISC	A2	8	M W F	305	D K H	
	LAB	A2	8	TU	205	D K H	
21002	LECT-DISC	B	9	M W F	307	D K H	
	LAB	B	9	TU	205	D K H	
21010	LECT-DISC	C	10	M W F	307	D K H	
	LAB	C	10	TU	205	D K H	
21027	LECT-DISC	C1	10	M W F	130	COM W	
	LAB	C1	10	TU	205	D K H	
21034	LECT-DISC	D	11	M W F	130	COM W	
	LAB	D	11	TU	205	D K H	
21041	LECT-DISC	D1	11	M W F	119	D K H	
	LAB	D1	11	TU	205	D K H	
21059	LECT-DISC	D2	11	M W F	307	D K H	
	LAB	D2	11	TU	205	D K H	
21066	LECT-DISC	X	12	M W F	307	D K H	
	LAB	X	12	TU	205	D K H	
21073	LECT-DISC	X1	12	M W F	119	D K H	
	LAB	X1	12	TU	205	D K H	

ECON 172 CONTINUED

21081	LECT-DISC	X2	12	M	W	F	222	D K H		
	LAB	X2	12		TU		205	D K H		
21098	LECT-DISC	X3	12	M	W	F	240	COM W		
	LAB	X3	12		TU		205	D K H		
21109	LECT-DISC	E	1	M	W	F	245	COM W		
	LAB	E	1		TU		205	D K H		
21131	LECT-DISC	*&E1	1	M	W	F	222	D K H		
	LAB	*&E1	1		TU		205	D K H		
21123	LECT-DISC	F1	2	M	W	F	222	D K H		
	LAB	F1	2		TU		205	D K H		

ECON 173 ECONOMIC STATISTICS, II.
PREREQUISITE: ECON. 172 OR EQUIVALENT.
3 HOURS.

21148	LECT-DISC	A	8	M	W	F	119	D K H		
	LAB	A	8		TU		205	D K H		
21155	LECT-DISC	A1	8	M	W	F	223	D K H		
	LAB	A1	8		TU		205	D K H		
21162	LECT-DISC	B	9	M	W	F	223	D K H		
	LAB	B	9		TU		205	D K H		
21170	LECT-DISC	B1	9	M	W	F	305	D K H		
	LAB	B1	9		TU		205	D K H		
21187	LECT-DISC	C	10	M	W	F	305	D K H		
	LAB	C	10		TU		205	D K H		
21194	LECT-DISC	D	11	M	W	F	305	D K H		
	LAB	D	11		TU		205	D K H		
21205	LECT-DISC	X	12	M	W	F	111	D K H		
	LAB	X	12		TU		205	D K H		
21212	LECT-DISC	E	1	M	W	F	223	D K H		
	LAB	E	1		TU		205	D K H		
21220	LECT-DISC	E1	1	M	W	F	307	D K H		
	LAB	E1	1		TU		205	D K H		
21237	LECT-DISC	E2	1	M	W	F	111	D K H		
	LAB	E2	1		TU		205	D K H		
21244	LECT-DISC	F	2	M	W	F	307	D K H		
	LAB	F	2		TU		205	D K H		

ECON 195 FRESHMAN HONORS SEMINAR.
OPEN TO FRESHMAN JAMES SCHOLARS ONLY.
3 HOURS.

21251	LECT-DISC	T	3-5			TH	11	COM W		

ECON 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
RECOMMENDED FOR STUDENTS IN CONJUNCTION WITH OR AFTER HAVING TAKEN 102, 103, OR 108.
CONFERENCE 2: ENVIRONMENTAL ECONOMICS.

21269	CONF	1	1			F	130	COM W		LEUTHOLD
21291	CONF	2	4	M			166	COM W		
21276	CONF	3	4		W		166	COM W		
21283	CONF	4	4			F	166	COM W		

COURSES FOR ADVANCED UNDERGRADUATES

ECON 214 GOVERNMENT FINANCE AND TAXATION.
PREREQUISITE: ECON. 103, OR 108.
3 HOURS.

21301	LECT-DISC	C	10	M	W	F	245	COM W		
21319	LECT-DISC	E	1	M	W	F	119	D K H		
21326	LECT-DISC	F	2	M	W	F	119	D K H		

ECON 236 AMERICAN ECONOMIC HISTORY.
PREREQUISITE: JUNIOR STANDING, ECON. 103 OR 108.
3 HOURS.

21333	LECT-DISC	B	9	M	W	F	40	COM W		
21341	LECT-DISC	F	2	M	W	F	40	COM W		

ECON 238 EUROPEAN ECONOMIC HISTORY.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

21358	LECT-DISC	D	11	M	W	F	111	D K H		

ECON 240 LABOR PROBLEMS.
PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

21365	LECT		9		W	F	141	COM W
21372	QUIZ	N	10	TU			111	D K H
21380	QUIZ	P	11	TU			111	D K H
21397	QUIZ	R	1	TU			111	D K H

ECON 255 COMPARATIVE ECONOMIC SYSTEMS.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

21408	LECT-DISC	B1	9	M	W	F	245	COM W
21415	LECT-DISC	D	11	M	W	F	245	COM W
21422	LECT-DISC	E	1	M	W	F	141	COM W
21430	LECT-DISC	F	2	M	W	F	245	COM W

ECON 272 INTRODUCTION TO ECONOMETRICS.
PREREQUISITE: MATH. 134, ECON. 173.
3 HOURS.

21447	LECT-DISC	B	9	M	W	F	140	COM W

ECON 288 GOVERNMENT REGULATION OF ECONOMIC ACTIVITY.
PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS.

21454	LECT-DISC	F	2	M	W	F	140	COM W

ECON 294 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
2 TO 4 HOURS.

21461	LECT-DISC	U	4-530	TU			20	COM W

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ECON 300 INTERMEDIATE MICRO-ECONOMIC THEORY.
PREREQUISITE: ECON. 103, OR 108.
3 HOURS OR 1/2 UNIT.
MATH. 124 AND 134 ARE RECOMMENDED.

21479	LECT-DISC	A	8	M	W	F	111	D K H
21486	LECT-DISC	B	9	M	W	F	111	D K H
21493	LECT-DISC	B1	9	M	W	F	119	D K H
21504	LECT-DISC	C	10	M	W	F	119	D K H
21511	LECT-DISC	D	11	M	W	F	222	D K H

ECON 301 INTERMEDIATE MACRO-ECONOMIC THEORY.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS OR 1/2 UNIT.
MATH. 124 AND 134 ARE RECOMMENDED.

21529	LECT-DISC	A	8	M	W	F	40	COM W
21536	LECT-DISC	B	9	M	W	F	222	D K H
21543	LECT-DISC	C	10	M	W	F	222	D K H
21551	LECT-DISC	C1	10	M	W	F	223	D K H
21568	LECT-DISC	D	11	M	W	F	223	D K H
21575	LECT-DISC	E	1	M	W	F	305	D K H
21582	LECT-DISC	F	2	M	W	F	305	D K H

ECON 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.
SAME AS L. I. R. 315.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT.

21590	LECT-DISC	E	1	M	W	F	226	COM W
21601	LECT-DISC	F	3	M	W	F	226	COM W

ECON 328 INTERNATIONAL ECONOMICS.
PREREQUISITE: ECON. 102 AND 103, OR ECON. 108.
3 HOURS, OR 1/2 OR 1 UNIT.

21618	LECT-DISC	E	1	M	W	F	126	COM W
21625	LECT-DISC	F	2	M	W	F	126	COM W

ECON 329 CONTEMPORARY ISSUES IN THE INTERNATIONAL ECONOMY.
PREREQUISITE: ECON. 328 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

21632	LECT-DISC	A	8	M	W	F	11	COM W

ECON 335 AMERICAN FINANCIAL HISTORY.
PREREQUISITE: FIN. 150.
3 HOURS, OR 1/2 OR 1 UNIT.

21640	LECT-DISC	C	10	M W F	111	D K H			WESTON

ECON 343 UNIONS, BARGAINING, AND PUBLIC POLICY.
SAME AS L. I. R. 343.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT.

21657	LECT-DISC	E	1	M W F	40	COM W			STAFF

ECON 350 THE DEVELOPING ECONOMIES.
PREREQUISITE: ECON. 103 OR 108.
*NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS.
GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND
450 OR 451.
*3 HOURS, OR 1/2 OR 1 UNIT.

21664	LECT-DISC	G	3	M W F	130	COM W			TAIRA

ECON 352 ECONOMIC DEVELOPMENT IN LATIN AMERICA.
SAME AS AG. EC. 352.
PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

21671	LECT-DISC	B	9	M W F	130	COM W			VANDENDRIE

ECON 353 ECONOMIC DEVELOPMENT IN INDIA AND SOUTHEAST ASIA.
SAME AS AG. EC. 353.
PREREQUISITE: ECON. 103, 108, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

21689	LECT-DISC		10-1130	TU TH	305	D K H			HERDT

ECON 357 THE SOVIET ECONOMY.
PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

21696	LECT-DISC	F	2	M W F	130	COM W			MILLAR

ECON 360 REGIONAL ECONOMIC DEVELOPMENT.
PREREQUISITE: ECON. 103 OR 108.
*STUDENTS RECEIVING GRADUATE CREDIT FOR ECON. 360 MAY NOT RECEIVE
CREDIT FOR ECON. 460 OR 461.
*3 HOURS, OR 1/2 OR 1 UNIT.

21707	LECT-DISC	B	9	M W F	20	COM W			STAFF

ECON 361 THE URBAN PUBLIC ECONOMY.
SAME AS FIN. 367.
PREREQUISITE: ECON. 360 OR FIN. 364.
3 HOURS, OR 1/2 OR 1 UNIT.

21714	LECT-DISC	M	830-10	TU TH	130	COM W			

ECON 367 MATHEMATICAL ECONOMICS, I.
PREREQUISITE: MATH. 141, ECON. 300 AND 301, OR EQUIVALENTS.
3 HOURS, OR 1/2 OR 1 UNIT.

21721	LECT-DISC	G	3	M W F	20	COM W			BREMS

ECON 375 NATIONAL INCOME AND BUSINESS FORECASTING.
SAME AS B. ADM. 375.
PREREQUISITE: ECON. 103 OR 108, AND 171.
3 HOURS, OR 1/2 OR 1 UNIT.

21739	LECT-DISC	B	9	M W F	126	COM W			

ECON 384 ECONOMICS OF TRANSPORTATION.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT.

21746	LECT-DISC	E	1	M W F	140	COM W			DUE

COURSES FOR GRADUATES

ECON 400 GENERAL ECONOMIC THEORY.
PREREQUISITE--ECON. 103 OR 108.
1 UNIT.

21753	LECT-DISC	L	8-10	TU TH	126	COM W			STEINKAMP
21761	LECT-DISC	N	10-12	TU TH	245	COM W			FLANDERS
21778	LECT-DISC	N1	3-5	TU TH	226	COM W			FLANDERS

ECON 401 GENERAL ECONOMIC THEORY.
PREREQUISITE: ECON. 103 OR 108.
1 UNIT.

21785	LECT-DISC	E	1	M W	130	COM W		MCMAHON

ECON 402 ECONOMIC THEORY.
PREREQUISITE: ECON. 300-301 OR EQUIVALENT; FOR THE MATHEMATICS SECTION, A KNOWLEDGE OF ALGEBRA AND CALCULUS.
1 UNIT.
*SECTION C IS THE MATHEMATICAL SECTION AND SECTIONS C1 AND C2 ARE NONMATHEMATICAL SECTIONS.

21811	LECT-DISC	*C	10-12	M W	40	COM W		BREMS
21792	LECT-DISC	C1	10-12	M W	126	COM W		ANDERSON
21803	LECT-DISC	C2	10-12	M W	140	COM W		STEINKAMP

ECON 406 HISTORY OF ECONOMIC THOUGHT.
PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT.
1 UNIT.

21828	LECT-DISC	R	1-3	TU	11	COM W		BRANDIS

ECON 410 PRICE AND DISTRIBUTION THEORY.
PREREQUISITE: ECON. 402 AND 470 OR EQUIVALENT.
1 UNIT.

21835	LECT-DISC	E	1-3	W	20	COM W		SHUPP

ECON 411 CAPITAL AND INTEREST THEORY.
PREREQUISITE: ECON. 403 OR CONSENT OF INSTRUCTOR.
1 UNIT.

21842	LECT-DISC	E	3-5	F	24	COM W		WELLS

ECON 414 PUBLIC FINANCE.
PREREQUISITE: SIX HOURS OF ECONOMICS.
1 UNIT.

21850	LECT-DISC	G	1-3	M	20	COM W		HEINS

ECON 420 MONETARY THEORY.
PREREQUISITE: A COURSE IN INCOME AND EMPLOYMENT THEORY, OR CONSENT OF INSTRUCTOR.
1 UNIT.

21867	LECT-DISC	C	10-12	F	20	COM W		SPRENKLE

ECON 428 INTERNATIONAL TRADE THEORY.
PREREQUISITE: ECON. 300 OR 301, OR EQUIVALENT.
1 UNIT.

21874	LECT-DISC	C	10-12	W	11	COM W		WEISER

ECON 436 AMERICAN ECONOMIC HISTORY.
NOT OPEN TO STUDENTS WHO HAVE HAD ECON. 236.
1 UNIT.

21881	LECT-DISC	L	8-10	TU TH	111	D K H		KEMMERER

ECON 440 LABOR ECONOMICS.
SAME AS L. I. R. 440.
PREREQUISITE: ECON. 300 AND 301.
1 UNIT.

21899	LECT-DISC	E	1-3	W	11	COM W		WALLACK

ECON 444 ECONOMICS OF MANPOWER RESOURCES.
SAME AS L. I. R. 444.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 444.
*1 UNIT.

21900	LECT-DISC	G	3-5	M	11	COM W		PARRISH

ECON 450 THE ECONOMICS OF DEVELOPMENT AND GROWTH.
PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT.
1 UNIT.

21917	LECT-DISC	C	10-12	W	20	COM W		TAIPA

ECON 455 COMPARATIVE ECONOMIC SYSTEMS.
PREREQUISITE: ECON 103 OR 108 OR EQUIVALENT.
1 UNIT.

21924	LECT-DISC	C	10-12	M	11	COM W	SCHRAN

ECON 460 LOCATION THEORY.
PREREQUISITE: ECON. 300 AND 301, OR EQUIVALENT.
*STUDENTS RECEIVING CREDIT FOR ECON. 460 MAY NOT RECEIVE GRADUATE CREDIT FOR ECON. 360.
*1 UNIT.

21931	LECT-DISC	N	10-12	TU	11	COM W	WILLIAMSON

ECON 467 MATHEMATICAL ECONOMICS, I: STATICS.
PREREQUISITE: MATH. 315; ECON. 402-403; OR EQUIVALENT.
1 UNIT.

21949	LECT-DISC	T	3-5	TU TH	24	COM W	TAKAYAMA

ECON 470 ECONOMIC STATISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

21956	LECT-DISC	N	10-12	TU TH	20	COM W	DUCHAN

ECON 476 ECONOMETRICS, I.
PREREQUISITE: MATH. 315 AND 363.
1 UNIT.

21963	LECT-DISC	R	1-3	TU TH	20	COM W	RESEK

ECON 480 INDUSTRIAL ORGANIZATION.
PREREQUISITE: GRADUATE STANDING.
1 UNIT.

21971	LECT-DISC	T	3-5	TU	40	COM W	ARNOULD

ECON 490 INDIVIDUAL STUDY AND RESEARCH.
1/2 TO 1 UNIT.
*SECTION E: ECONOMIC HISTORY OF THE UNITED STATES. (LIMITED TO FOREIGN STUDENTS WHOSE NATIVE LANGUAGE IS NOT ENGLISH. NOT OPEN TO STUDENTS WHO HAVE HAD ECON. 236.)
*SECTION R: ECONOMICS OF POPULATION.

21988	CONF		ARR				
21995	CONF	*E	1-3	F	11	COM W	KEMMERER
22008	CONF	*R	1-3	TH	11	COM W	SIMON

ECON 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.

22015	CONF	*1	10-12	M	20	COM W	FLANDERS
22022	CONF	*2	3-5	TH	245	COM W	DUE

EDUCATION

DEPARTMENT OFFICE 110 EDUCATION

COURSES FOR UNDERGRADUATES

DUC 100 EDUCATION PRACTICUM.
4 HOURS.

22030	DISC	1	8-10	M W	6	COM W
22047	DISC	2	10-12	M W	151	ARMORY
22054	DISC	3	10-12	M W	25	EDUC
22061	DISC	4	9-11	TU TH	106	D K H
22079	DISC	5	9-11	TU TH	328	D K H

DUC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

22086	LECT-DISC	10-12	TU	310	D K H

EDUCATION ADMINISTRATION

DEPARTMENT OFFICE EDUCATION BUILDING

COURSES FOR GRADUATES

D AD 430 ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION.
INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

22093	LECT-DISC	7-9PM	M	192	EDUC	WESTON

D AD 438 INSTRUCTIONAL SUPERVISION.
PREREQUISITE: EL. ED. OR SE. ED. 439 AND ED. AD. 460.
1 UNIT.

22104	LECT-DISC	4-6	TU	385	EDUC	SERGIOVANNI

D AD 440 ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH SCHOOLS.
INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE.
PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR.
1 UNIT.

22111	LECT-DISC	7-9PM	M	1	EDUC	RAUBINGER

D AD 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

22129	CONF	ARR				STAFF

D AD 460 PUBLIC CONTROL AND ADMINISTRATION OF EDUCATION.
NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430, 440, 461, 462, 464, 465, 466.
1 UNIT.

22136	LECT-DISC	7-9PM	TU	162	EDUC	MILLER

D AD 461 ADMINISTRATION OF EDUCATIONAL PROGRAMS AND PERSONNEL.
PREREQUISITE: ED. AD. 460, AND 430 OR 440.
1 UNIT.

22143	LECT-DISC	5-9	TU	1	EDUC	CARVER AND MCGREAL

ED AD 464 FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION H IS FOR STUDENTS IN SPECIAL EDUCATION ONLY.
*SECTION V IS FOR STUDENTS IN VOCATIONAL AND TECHNICAL EDUCATION ONLY.

22151	CONF	*H	ARR
22168	CONF	*V	ARR

ED AD 466 PUBLIC SCHOOL FINANCE.
PREREQUISITE: ED. AD. 460 AND 430 OR 440 AND 462.
1 UNIT.

22175	LECT-DISC	4-6	W	385	EDUC	MCLURE

ED AD 468 SCHOOL-COMMUNITY RELATIONS.
1 UNIT.

22182	LECT-DISC	7-9PM	M	25	EDUC	SUMPTION

ED AD 469 LEGAL BASIS OF SCHOOL ADMINISTRATION.
1 UNIT.

22190	LECT-DISC	7-9PM	TU	385	EDUC	SUMPTION

ED AD 470 PRINCIPLES AND RESOURCES FOR SCHOOL PLANT PLANNING.
PREREQUISITE: ED. AD. 460.
1 UNIT.

22201	LECT-DISC	7-9PM	W	385	EDUC	BURNHAM

ED AD 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN EDUCATIONAL ADMINISTRATION AND SUPERVISION.
1 TO 2 UNITS.

22218	CONF	ARR	STAFF

ED AD 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

22225	CONF	ARR	STAFF

ED AD 499 THESIS RESEARCH.
0 TO 4 UNITS.

22232	CONF	ARR	STAFF

EDUCATIONAL PRACTICE

DEPARTMENT OFFICE EDUCATION BUILDING

ADMISSION TO EDUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS WHO ARE IN GOOD STANDING IN A TEACHER EDUCATION CURRICULUM APPROVED BY THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO ENROLL IN AN EDUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE OF STUDENT TEACHING. STUDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINOIS TEACHER-EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN. EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDIDATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION--CANDIDATES ENROLL IN ED. PR. 232. SECTION A.

SPECIAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220. CANDIDATE PURSUING A DEGREE IN SPECIAL EDUCATION MUST ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220 AND IN ED. PR. 232, SECTION B.

VOCATIONAL AND TECHNICAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242 EXCEPT AGRICULTURAL EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

COURSES FOR ADVANCED UNDERGRADUATES

ED PR 220 EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SENIOR STANDING, CONSENT OF DEPARTMENT.
2 TO 5 HOURS.
*SECTION A--MENTALLY RETARDED. 3 HOURS
*SECTION B--SPEECH CORRECTION. STUDENTS WHO HAVE NOT COMPLETED SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING SEMESTER. 5 HOURS.
*SECTION C--MENTALLY RETARDED. 5 HOURS.
*SECTION E--EMOTIONALLY DISTURBED.

22240	PRACT	*A	ARR
22257	PRACT	*B	ARR
22264	PRACT	*C	ARR
22271	PRACT	*E	ARR

ED PR 232 EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
PREREQUISITE: EL. ED. 233, EL. ED. 237, AND SENIOR STANDING.
2 TO 5 HOURS.
*SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CURRICULUM.
5 HOURS
*SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
3 HOURS.
MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.

22289	PRACT	*A	ARR
22296	PRACT	*B	ARR

ED PR 238 EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS.
PREREQUISITE: FOR STUDENTS IN THE EARLY CHILDHOOD CURRICULUM, EL. ED. 334 IS REQUIRED; CONSENT OF INSTRUCTOR.
3 OR 4 HOURS.

3 HOURS	A	P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A AND ED. PR. 242, SECTION A.
3 OR 4 HOURS	D	P.E. FOR WOMEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION D AND ED. PR. 242, SECTION D.
3 HOURS	E	EARLY CHILDHOOD EDUCATION.
4 HOURS	K	ART REQUIRES REGISTRATION IN ED. PR. 242 SECTION K.
3 HOURS	V	MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, SECTION V, AND ED. PR. 242, SECTION V.
3 HOURS	Y	LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, AND ED. PR. 242, SECTION 4, OR EL. ED. 333 AND ED. PR. 232.

22307	PRACT	A	ARR
22314	PRACT	D	ARR
22321	PRACT	E	ARR
22339	PRACT	K	ARR
22346	PRACT	V	ARR
22353	PRACT	Y	ARR

ED PR 242 EDUCATIONAL PRACTICE IN SECONDARY EDUCATION.
PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.
2 TO 5 HOURS.

2 OR 5 HOURS	A	P.E. FOR MEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.
2 OR 5 HOURS	C	HEALTH EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION A.
3 OR 5 HOURS	D	P. E. FOR WOMEN, REQUIRES REGISTRATION IN SE. ED. 241, SECTION D.
3 OR 5 HOURS	E	EDUCATIONAL MEDIA, REQUIRES REGISTRATION IN SE. ED. 241.
3 OR 5 HOURS	F	BIOLOGY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.
3 OR 5 HOURS	G	CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241, SECTION F.
3 OR 5 HOURS	H	GENERAL SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS F1 OR F2.
3 OR 5 HOURS	I	PHYSICS, REQUIRES REGISTRATION IN SE. ED. 241 SECTION F.
3 OR 5 HOURS	J	SOCIAL STUDIES, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS J1, J2, OR J3.
3 OR 5 HOURS	K	ART, REQUIRES REGISTRATION IN ED. PR. 238 SECTION K.
3 OR 5 HOURS	L	ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS L1, L2, L3, L4, L5 OR L6.
3 OR 5 HOURS	M	SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.
3 OR 5 HOURS	N	FRENCH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS	O	LATIN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS	P	SPANISH, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS	Q	GERMAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
5 HOURS	R	HOME ECONOMICS, REQUIRES REGISTRATION IN SE. ED. 241, HOME ECONOMICS SECTION R.
3 HOURS	S	INDUSTRIAL EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S.
3 OR 5 HOURS	T	MATH, REQUIRES REGISTRATION IN SE. ED. 241, SECTION T.
3 HOURS	V	MUSIC, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS V1 OR V2.
5 HOURS	W	BUSINESS EDUCATION, REQUIRES REGISTRATION IN SE. ED. 241, SECTION W.
3 OR 5 HOURS	X	RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241, SECTIONS N1, N2, OR N3.
3 OR 5 HOURS	Y	LIBRARY SCIENCE, REQUIRES REGISTRATION IN SE. ED. 241.
5 HOURS	DD	DANCE, REQUIRES REGISTRATION IN SE. ED. 241, SECTION DD.
3 OR 5 HOURS	TT	JUNIOR COLLEGE MATHEMATICS.

22361	PRACT	A	ARR
22378	PRACT	C	ARR
22385	PRACT	D	ARR
22392	PRACT	E	ARR
22403	PRACT	F	ARR
22411	PRACT	G	ARR
22428	PRACT	H	ARR
22435	PRACT	I	ARR
22442	PRACT	J	ARR
22450	PRACT	K	ARR
22467	PRACT	L	ARR
22474	PRACT	M	ARR
22481	PRACT	N	ARR
22499	PRACT	O	ARR
22500	PRACT	P	ARR
22517	PRACT	Q	ARR
22524	PRACT	R	ARR
22531	PRACT	S	ARR
22549	PRACT	T	ARR
22556	PRACT	V	ARR
22563	PRACT	W	ARR
22571	PRACT	X	ARR
22588	PRACT	Y	ARR
22595	PRACT	DD	ARR
22606	PRACT	TT	ARR

ED PR 250 SCHOOL AND COMMUNITY EXPERIENCES.
2 HOURS.

SECT A--P E MEN	SECT J--SOC STUD	SECT S--IND ED
B--SPCH CORR	K--ART	T--MATH
C--HEALTH	L--ENGLISH	V--MUSIC
D--P E WOMEN	M--SPEECH	W--BUS ED
E--EDUCATIONAL MEDIA	N--FRENCH	X--RUSS
F--BIOLOGY	O--LATIN	Y--LIB SCI
G--CHEMISTRY	P--SPANISH	Z--ELEM ED
H--GEN SCI	Q--GERMAN	DD-DANCE
I--PHYSICS	R--HOME ECON	TT-JC MATH

22613	PRACT	A	ARR
22621	PRACT	B	ARR
22638	PRACT	C	ARR
22645	PRACT	D	ARR
22652	PRACT	E	ARR
22660	PRACT	F	ARR
22677	PRACT	G	ARR
22684	PRACT	H	ARR
22691	PRACT	I	ARR
22702	PRACT	J	ARR
22710	PRACT	K	ARR
22727	PRACT	L	ARR
22734	PRACT	M	ARR
22741	PRACT	N	ARR
22759	PRACT	O	ARR
22766	PRACT	P	ARR
22773	PRACT	Q	ARR
22781	PRACT	R	ARR
22798	PRACT	S	ARR
22809	PRACT	T	ARR
22816	PRACT	V	ARR
22823	PRACT	W	ARR
22831	PRACT	X	ARR
22848	PRACT	Y	ARR
22855	PRACT	Z	ARR
22862	PRACT	DD	ARR
22870	PRACT	TT	ARR

EDUCATIONAL PSYCHOLOGY

DEPARTMENT OFFICE EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

EDPSY 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF 2 HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

22887	CONF	ARR

COURSES FOR ADVANCED UNDERGRADUATES

EDPSY 211 EDUCATIONAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100.
3 HOURS.
*OPEN ONLY TO STUDENTS REGISTERED FOR STUDENT TEACHING. SECTIONS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
&G HONORS SECTION--FOR JAMES SCHOLARS, STUDENTS WHO HAVE RECEIVED CLASS OR UNIVERSITY HONORS, OR STUDENTS WHO HAVE RECEIVED CONSENT OF THE INSTRUCTOR.

22894	LECT-DISC	A	8	M	W	F	2	EDUC
22905	LECT-DISC	B	9	M	W	F	162	EDUC
22912	LECT-DISC	C	10	M	W	F	162	EDUC
22920	LECT-DISC	D	11	M	W	F	162	EDUC
22937	LECT-DISC	D1	11	M	W	F	150	ARMORY
22944	LECT-DISC	E	1	M	W	F	150	ARMORY
22951	LECT-DISC	F	2	M	W	F	150	ARMORY
23042	LECT-DISC	&G	3	M	W	F	150	ARMORY
22969	LECT-DISC	*A1	8	MTUWTHF			143	ARMORY

EDPSY 211 CONTINUED

22976	LECT-DISC *B1	9	MTUWTHF	143	ARMORY	
22983	LECT-DISC *B2	9	MTUWTHF	150	ARMORY	
22991	LECT-DISC *C1	10	MTUWTHF	143	ARMORY	
23003	LECT-DISC *C2	10	MTUWTHF	150	ARMORY	
23011	LECT-DISC *D2	11	MTUWTHF	143	ARMORY	
23028	LECT-DISC *X	12	MTUWTHF	162	EDUC	
23035	LECT-DISC *E1	1	MTUWTHF	143	ARMORY	

EDPSY 236 CHILD DEVELOPMENT FOR ELEMENTARY TEACHERS.
PREREQUISITE: PSYCH. 100.
3 HOURS.
STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF 2 HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

23050	LECT-DISC A	8	M W F	192	EDUC	
23067	LECT-DISC B	9	M W F	137	ARMORY	
23074	LECT-DISC C	10	M W F	153	ARMORY	
23081	LECT-DISC C1	10	M W F	137	ARMORY	
23099	LECT-DISC D	11	M W F	137	ARMORY	
23100	LECT-DISC X	12	M W F	166	EDUC	
23117	LECT-DISC E	1	M W F	153	ARMORY	

EDPSY 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

23124	CONF	ARR			

EDPSY 291 THESIS.
PREREQUISITE: SENIOR STANDING
2 HOURS.

23131	CONF	ARR			

EDPSY 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

23149	CONF	ARR			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EDPSY 311 PSYCHOLOGY OF LEARNING FOR TEACHERS.
PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT.
*SECTION C IS RECOMMENDED FOR STUDENTS IN COUNSELOR EDUCATION.

23156	LECT-DISC A	1-3	M	162	EDUC	BLAIR
23163	LECT-DISC B	1-3	TU	1	EDUC	SIMPSON
23213	LECT-DISC *C	4-6	TU	162	EDUC	
23171	LECT-DISC D	7-9PM	TU	192	EDUC	
23188	LECT-DISC E	4-6	W	162	EDUC	
23195	LECT-DISC F	7-9PM	W	2	EDUC	
23206	LECT-DISC G	4-6	TH	162	EDUC	

EDPSY 312 MENTAL HYGIENE AND THE SCHOOL.
PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT.
*SECTION E IS RECOMMENDED FOR STUDENTS IN COUNSELOR EDUCATION.

23221	LECT-DISC A	4-6	M	162	EDUC
23238	LECT-DISC B	1-3	W	162	EDUC
23245	LECT-DISC C	4-6	W	2	EDUC
23252	LECT-DISC D	7-9PM	W	192	EDUC
23277	LECT-DISC *E	1-3	TH	1	EDUC
23260	LECT-DISC F	7-9PM	TH	1	EDUC

EDPSY 326 INTRODUCTION TO VOCATIONAL REHABILITATION COUNSELING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

23284	LECT-DISC	1-3	TU	442	M H

EDPSY 339 CORRECTIVE READING.
SAME AS EL. ED. 339.
PREREQUISITE: EL. ED. 336 OR 338.
3 HOURS OR 1 UNIT.
MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR IN 10
EDUCATION AND ENROLL IN ASSIGNED SECTION.

23291	LECT-DISC	U1	4-6	TU	10	EDUC	
23302	LECT-DISC	H	4-6	W	10	EDUC	
23310	LECT-DISC	U2	4-6	TH	10	EDUC	

EDPSY 343 INDIVIDUAL INTELLIGENCE TESTING.
PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX HOURS OF PSYCHOLOGY
AND SP. ED. 324, OR EDPSY. 392 OR PSYCH. 390.
3 HOURS OR 1 UNIT.
*LABORATORY HOURS TO BE ARRANGED.

23327	LECT-DISC	A	*8-10	M W	125	E P G B	
23334	LECT-DISC	B	*330-530	TU TH	125	E P G B	MCGUIRE

EDPSY 390 ELEMENTS OF EDUCATIONAL STATISTICS.
3 HOURS OR 1 UNIT.
*SECTION X IS FOR STUDENTS AT THE MEDICAL CENTER.

23341	LECT-DISC	A	1-3	M W	19	D K H	
23359	LECT-DISC	B	4-6	M W	166	EDUC	
23366	LECT-DISC	C	1-3	TU TH	151	ARMORY	
23373	LECT-DISC	D	430-6	TU TH	112B	I H	ANDERSON
23381	LECT-DISC	*X	ARR				CRAWFORD

EDPSY 391 CONSTRUCTION AND USE OF TESTS IN TEACHING.
PREREQUISITE: ED. PSY. 211 OR 236.
4 HOURS OR 1 UNIT.

23398	LECT-DISC		4-6	TU	2	EDUC	GRONLUND

EDPSY 392 INTRODUCTION TO THE PRINCIPLES OF MEASUREMENT.
PREREQUISITE: ED. PSY. 211 OR 236.
4 HOURS OR 1 UNIT.
*SECTION A IS FOR STUDENTS IN COUNSELOR EDUCATION.

23416	LECT-DISC	*A	1-5	M	389	EDUC	
23409	LECT-DISC	B	4-6	TH	192	EDUC	GRONLUND

COURSES FOR GRADUATES

EDPSY 411 PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.

23423	LECT-DISC	A	4-6	W	1	EDUC	WEST
23431	LECT-DISC	B	1-3	TH	166	EDUC	BLAIR

EDPSY 412 ADVANCED CHILD DEVELOPMENT FOR STUDENTS OF EDUCATION.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.

23448	LECT-DISC	A	1-3	M	1	EDUC	
23455	LECT-DISC	B	7-9PM	W	382	EDUC	THOMAS

EDPSY 413 SOCIAL PSYCHOLOGY AND THE PROBLEMS OF EDUCATION.
PREREQUISITE: ED. PSY. 311, 312 AND 390.
1 UNIT.

23462	LECT-DISC		1-3	W	1	EDUC	SIMPSON

EDPSY 414 THE PSYCHOLOGY OF COLLEGE TEACHING.
PREREQUISITE: A COURSE IN PSYCHOLOGY, CONSENT OF INSTRUCTOR.
1 UNIT.

23470	LECT-DISC		1-3	F	1	EDUC	SIMPSON

EDPSY 415 PSYCHOLOGICAL THEORIES APPLIED TO EDUCATION.
PREREQUISITE: ED. PSY. 311 AND 312, 411 OR 412, CANDIDACY
FOR ED. D. OR PH. D. IN EDUCATION.
1 UNIT.

23487	LECT-DISC	A	1-3	TU	385	EDUC	BLAIR
23494	LECT-DISC	B	1-3	TH	385	EDUC	JONES

EDPSY 422 BASIC PRINCIPLES OF COUNSELING.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.

23505	LECT-DISC		9-1	F	385	EDUC	

EDPSY 424 SUPERVISED PRACTICE IN COUNSELING.
PREREQUISITE: MASTERS DEGREE IN GUIDANCE AND CONSENT OF FACULTY COMMITTEE.
2 UNITS.
*LAB HOURS TO BE ARRANGED.

23512	CONF	A	*9-11	M	91	COM W		DELANEY
23520	CONF	B	*10-12	M	6	COM W		MASUCCI
23537	CONF	C	*10-12	TU	6	COM W		PHILLIPS

EDPSY 425 PRINCIPLES AND PRACTICES OF STUDENT PERSONNEL SERVICES.
*CREDIT IS NOT GIVEN IN BOTH ED. PSY. 325 AND 425.
*1 UNIT.

23544	LECT-DISC	A	7-9PM	W	166	EDUC	
23551	LECT-DISC	B	1-3	TH	162	EDUC	

EDPSY 427 PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE.
PREREQUISITE: ED. PSY. 311, 312, 422, 423, AND EITHER 325 OR 425, OR CONSENT OF INSTRUCTOR.
1 UNIT.

23569	LECT-DISC	A	1-5	TU	6	COM W	
23576	LECT-DISC	B	1-5	TH	6	COM W	

EDPSY 428 THEORIES OF CAREER DEVELOPEMNT AND THE USE OF OCCUPATIONAL MATION.
PREREQUISITE: ED. PSY. 425 OR AN INTRODUCTORY COURSE IN COUNSELING.
1 UNIT.

23583	LECT-DISC		1-3	TH	21	D K H	

EDPSY 429 FIELD INSTRUCTION IN COUNSELING.
PREREQUISITE: ED. PSY. 422 AND 424 (WITH CONSENT OF INSTRUCTOR, REGISTRATION IN ED. PSY. 424 MAY BE CONCURRENT).
1 OR 2 UNITS.

23591	PRACT		ARR				STAFF

EDPSY 447 SEMINAR IN REHABILITATION COUNSELING.
PREREQUISITE: ED. PSY. 326 AND 422.
*MAY BE REPEATED FOR A MAXIMUM OF ONE UNIT.
*1/2 UNIT.

23601	LECT-DISC		1-3	TH	289	EDUC	

EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN EDUCATIONAL PSYCHOLOGY.
0 TO 2 UNITS.
*SECTION A AND B TOPIC: GROUP COUNSELING.
*SECTION C AND D TOPIC: THEORY COUNSELING.
*SECTION E TOPIC: DATA GATHERING PROCEDURES IN EDUCATION RESEARCH AND EVALUATION.
*SECTION F TOPIC: COMPUTER USES IN EDUCATION.
*SECTION G TOPIC: CLASSROOM TRANSACTIONS AND STUDENT OUTCOMES.

23619	LECT-DISC	*A	ARR				
23626	LECT-DISC	*B	ARR				
23633	LECT-DISC	*C	ARR				
23641	LECT-DISC	*D	ARR				
23658	LECT-DISC	*E	ARR				
23665	LECT-DISC	*F	10-12	TH	242	EDUC	GROTELUESCHE
23672	LECT-DISC	*G	4-6	W	20	COM W	CHADBOURN
							ROSENSHINE

EDPSY 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

23680	CONF		ARR				STAFF

EDPSY 496 STATISTICAL METHODS IN EDUCATION.
PREREQUISITE: ED. PSY. 390.
1 UNIT.
*LABORATORY HOURS TO BE ARRANGED.

23697	LECT-DISC	A	*1-3	M W	151	ARMORY	
23708	LECT-DISC	B	*1-3	TU TH	137	ARMORY	

EDPSY 498 THEORY OF EDUCATIONAL EVALUATION.
PREREQUISITE: ED. PSY. 496.
1 UNIT.

23715	LECT-DISC		1-3	F	162	EDUC	

DPSY 499 THESIS RESEARCH.
0 TO 4 UNITS.

23722	CONF			ARR		

ELECTRICAL ENGINEERING

DEPARTMENT OFFICE 155 E E B

COURSES FOR UNDERGRADUATES

E 114 WIRING AND ILLUMINATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS.

23730	LECT	C	10	M W F	151	E E B

COURSES FOR ADVANCED UNDERGRADUATES

E 220 BASIC ELECTRICAL ENGINEERING.
PREREQUISITE: PHYCS. 106 AND 107, AND MATH 143.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS.

23747	DISC	M1	9-1020	TU TH	169	E E B
23754	DISC	B1	9	M W F	141	E E B
23761	DISC	B2	9	M W F	59	E E B.
23779	DISC	P1	1030-12	TU TH	169	E E B
23786	DISC	P2	1030-12	TU TH	141	E E B
23793	DISC	D1	11	M W F	57	E E B
23804	DISC	D2	11	M W F	269	E E B
23811	DISC	X1	12	M W F	260	E E B
23829	DISC	E1	1	M W F	59	E E B
23836	DISC	E2	1	M W F	170	E E B
23843	DISC	S1	2-320	TU TH	59	E E B
23851	DISC	H2	4	M W F	269	E E B

E E 229 INTRODUCTION TO ELECTROMAGNETIC FIELDS.
PREREQUISITE: PHYCS. 107 AND MATH. 345.
3 HOURS.
*SECTION &C IS AN HONORS SECTION.

23868	DISC	A1	8	M W F	141	E E B	
23875	DISC	B1	9	M W F	260	E E B	
23940	DISC	*&C	10	M W F	170	E E B	NARAYANARAO
23882	DISC	D1	11	M W F	260	E E B	
23890	DISC	E1	1	M W F	250	E E B	
23901	DISC	E2	1	M W F	269	E E B	
23918	DISC	F1	2	M W F	250	E E B	
23925	DISC	G1	3	M W F	260	E E B	
23932	DISC	H1	4	M W F	260	E E B	

E E 230 APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

23957	DISC	L1	8	TU TH	57	E E B
23964	DISC	L2	8	TU TH	59	E E B
23971	DISC	R1	1	TU TH	59	E E B

E E 231 POWER EQUIPMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.
STUDENTS MUST REGISTER IN LECTURE AND ANY ONE LAB.

23989	LECT	A	9	TH	269	E E B
23996	LAB	M	9-11	TU	50E	E E B
24009	LAB	O	3-5	TU	50E	E E B
24016	LAB	P	10-12	TH	50E	E E B
24023	LAB	R	3-5	TH	50E	E E B

E E 232 ELECTRONICS AND ELECTRONICS APPLICATIONS.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

24031	DISC	L1	8	TU TH	169	E E B
24048	DISC	L2	8	TU TH	141	E E B
24055	DISC	R1	1	TU TH	57	E E B

E E 233 ELECTRONICS LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.

24062	LAB	M	9-12	TU	236	E E B
24070	LAB	O	2-5	TU	236	E E B
24087	LAB	P	9-12	TH	236	E E B
24094	LAB	Q	2-5	TH	236	E E B

E E 234 ELECTRICAL INSTRUMENTS AND MEASUREMENTS.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

24105	DISC	L1	8	TU TH	170	E E B
24112	DISC	R1	1	TU TH	260	E E B
24120	DISC	R2	1	TU TH	170	E E B

E E 235 ELECTRICAL MEASUREMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.

24137	LAB	M	9-12	TU	50J	E E B
24144	LAB	N	2-5	TU	50J	E E B
24151	LAB	O	9-12	TH	50J	E E B
24169	LAB	P	2-5	TH	50J	E E B

E E 246 PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
*SECTION P IS INTEGRATED CIRCUIT PROJECTS FOR 2 HOURS CREDIT.

24176	LAB	*P	3-5	TH	50M	E E B

E E 251 ELECTRICAL ENGINEERING LABORATORY, I.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 220 OR 260.
1 HOUR.
STUDENTS MUST REGISTER IN LECTURE AND IN ANY ONE LAB.

24183	LECT	A	9	TU	269	E E B
24191	LAB	M	10-12	TU	50H	E E B
24201	LAB	N	12-2	TU	50H	E E B
24219	LAB	O	2-4	TU	50H	E E B
24226	LAB	P	4-6	TU	50H	E E B
24233	LAB	Q	8-10	TH	50H	E E B
24241	LAB	R	10-12	TH	50H	E E B
24258	LAB	S	12-2	TH	50H	E E B
24265	LAB	T	2-4	TH	50H	E E B
24272	LAB	U	4-6	TH	50H	E E B

E E 260 NETWORKS, I.
PREREQUISITE: PHYCS. 107; CREDIT OR REGISTRATION IN C. S. 101, E. E. 251, AND MATH. 345.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.
*3 HOURS.

24280	DISC	A1	8	M W F	169	E E B
24297	DISC	B1	10	M W F	169	E E B
24308	DISC	D1	11	M W F	141	E E B
24315	DISC	D2	11	M W F	250	E E B
24322	DISC	F1	2	M W F	141	E E B
24330	DISC	F2	2	M W F	59	E E B
24347	DISC	H1	4	M W F	170	E E B

E E 262 NETWORKS, II.
PREREQUISITE: E. E. 260, MATH. 345, AND C. S. 101.
3 HOURS.

24354	DISC	A1	8	M W F	170	E E B		
24361	DISC	B1	9	M W F	170	E E B		
24379	DISC	D1	11	M W F	59	E E B		
24386	DISC	X1	12	M W F	170	E E B		
24393	DISC	X2	12	M W F	59	E E B		
24404	DISC	G1	3	M W F	59	E E B		
24411	DISC	H1	4	M W F	59	E E B		

E E 266 PROBABILISTIC METHODS IN ELECTRICAL ENGINEERING.
PREREQUISITE: E. E. 260, OR JUNIOR STANDING IN ELECTRICAL ENGINEERING.
3 HOURS.

24429	DISC	X1	12	M W F	335	E E B	

E E 271 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS.
SECTION N1 IS INTRODUCTION TO RADIO SCIENCE FOR 3 HOURS CREDIT.
SECTION GA IS HYBRID CIRCUIT FABRICATION FOR 1 HOUR CREDIT.
SECTION H2 IS BASIC AERONOMIC PROCESSES FOR 3 HOURS CREDIT.
SECTION RB IS SOLID STATE MOTOR DRIVE SYSTEMS FOR 3 HOURS CREDIT.
SECTION JC IS WAVE MOTION FOR ENGINEERS FOR 3 HOURS CREDIT.
SECTION M1 IS ANTENNAS AND ANTENNA SYSTEMS FOR 3 HOURS CREDIT.

24436	DISC	N1	130-3	TU TH	141	E E B	NARAYANARAO
24443	DISC	GA	2-5	W	133	E E B	ANNER
24451	DISC	H2	4	M W F	57	E E B	SECHRIST
24468	DISC	RB	10	M W F	257	E E B	BURTNESS
24475	DISC	JC	9	M W F	254	E E B	CROWLEY
24482	DISC	M1	830-10	TU TH	257	E E B	MAST

E E 272 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS.

24490	CONF	K1	ARR
24501	CONF	K2	ARR
24518	CONF	K3	ARR

E E 288 ECONOMIC ASPECTS OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS.

24525	DISC	C1	11	M W F	169	E E B	
24532	DISC	F1	2	M W F	169	E E B	
24540	DISC	G1	3	M W F	169	E E B	

E E 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS C. S. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS.

24557	LECT	M	830-10	TU TH	151	E E B	

E E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

24564	CONF	K1	APR

E E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.
*SECTION &B IS FOR 2 HOURS CREDIT.

24571	LAB	*&B	1-3	TU TH	50M	E E B	TURNBULL

E E 299 THESIS.
0 TO 3 HOURS.

24589	CONF	K1	ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

E E 310 SYSTEMS, I.
PREREQUISITE: E. E. 262.
3 HOURS, OR 0 TO 3/4 UNIT.

24596	DISC	B1	9	M	W	F	57	E E B	
24607	DISC	C1	10	M	W	F	57	E E B	
24614	DISC	X1	12	M	W	F	57	E E B	
24621	DISC	H1	4	M	W	F	141	E E B	
24639	DISC	H2	4	M	W	F	169	E E B	

E E 323 CIRCUIT LABORATORY.
PREREQUISITE: E. E. 251 AND 262; CREDIT OR REGISTRATION IN E. E. 350.
1 HOUR, OR 0 OR 1/4 UNIT.

24646	LAB	M	9-12	TU			132	E E B	
24653	LAB	N	12-3	TU			132	E E B	
24661	LAB	O	3-6	TU			132	E E B	
24678	LAB	P	9-12		TH		132	E E B	
24685	LAB	Q	12-3		TH		132	E E B	

E E 324 INTRODUCTION TO NETWORK SYNTHESIS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310.
3 HOURS, OR 0 TO 1 UNIT.

24692	DISC	D1	11	M	W	F	170	E E B	

E E 330 MAGNETIC CIRCUITS AND TRANSFORMERS.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS, OR 0 OR 3/4 UNIT.

24703	DISC	C1	10	M	W	F	59	E E B	
24711	DISC	X1	12	M	W	F	169	E E B	
24728	DISC	G1	3	M	W	F	141	E E B	
24735	DISC	G2	3	M	W	F	57	E E B	

E E 331 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.
PREREQUISITE: E. E. 251; CREDIT OR REGISTRATION IN E. E. 330.
1 HOUR, OR 0 OR 1/4 UNIT.

24742	LAB	M	9-12	TU			50K	E E B	
24750	LAB	N	12-3	TU			50K	E E B	
24767	LAB	O	3-6	TU			50K	E E B	
24774	LAB	P	9-12		TH		50K	E E B	
24781	LAB	Q	12-3		TH		50K	E E B	

E E 332 ELECTRICAL MACHINERY.
PREREQUISITE: E. E. 330 AND 331, CREDIT OR REGISTRATION IN E. E. 333.
3 HOURS, OR 0 OR 3/4 UNIT.

24799	DISC	E1	1	M	W	F	257	E E B	

E E 333 ELECTRICAL MACHINERY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 332.
1 HOUR, OR 0 OR 1/4 UNIT.

24800	LAB	M	9-12		TH		50F	E E B	

E E 336 ADVANCED ANALYSIS OF ELECTRIC POWER EQUIPMENT.
PREREQUISITE: E. E. 330 AND 331.
4 HOURS, OR 0 OR 1 UNIT.

24817	DISC	C1	10	M	W	F	335	E E B	

E E 340 ELECTRONICS, I.
PREREQUISITE: PHYCS. 108 AND E. E. 260.
3 HOURS, OR 0 OR 3/4 UNIT.
*SECTION &D IS AN HONORS SECTION.

24824	DISC	A1	8	M	W	F	257	E E B	
24831	DISC	B1	9	M	W	F	250	E E B	
24895	DISC	*&D	11	M	W	F	257	E E B	HOLSHOUSER
24849	DISC	X1	12	M	W	F	257	E E B	
24856	DISC	X2	12	M	W	F	269	E E B	
24863	DISC	F1	2	M	W	F	257	E E B	
24871	DISC	G1	3	M	W	F	257	E E B	
24888	DISC	H1	4	M	W	F	257	E E B	

E E 341 ELECTRONICS EXPERIMENTATION.
PREREQUISITE: E. E. 251, CREDIT OR REGISTRATION IN E. E. 340.
1 HOUR, OR 0 OR 1/4 UNIT.
STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB.

24906	LECT	A	8		TU		269	E E B
24913	LECT	B	1		TU		269	E E B
24921	LAB	L	2-4	M			235	E E B
24938	LAB	M	4-6	M			235	E E B
24945	LAB	N	8-10		TU		235	E E B
24952	LAB	O	10-12		TU		235	E E B
24960	LAB	P	12-2		TU		235	E E B
24977	LAB	Q	2-4		TU		235	E E B
24984	LAB	R	4-6		TU		235	E E B
24991	LAB	S	2-4		W		235	E E B
25004	LAB	T	4-6		W		235	E E B
25011	LAB	U	8-10			TH	235	E E B
25029	LAB	V	10-12			TH	235	E E B
25036	LAB	W	12-2			TH	235	E E B
25043	LAB	X	2-4			TH	235	E E B
25051	LAB	Y	4-6			TH	235	E E B
25068	LAB	Z	2-4			F	235	E E B

E E 342 ADVANCED ELECTRONICS.
PREREQUISITE: E. E. 262, 340, AND 341.
3 HOURS, OR 0 OR 3/4 UNIT.

25075	DISC	A1	8	M	W	F	254	E E B	
25082	DISC	C1	10	M	W	F	254	E E B	
25090	DISC	F1	2	M	W	F	254	E E B	
25101	DISC	H1	3	M	W	F	254	E E B	

E E 343 ELECTRONICS LABORATORY
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
1 HOUR, OR 0 OR 1/4 UNIT.

25118	LAB	M	3-6	M			238	E E B	
25125	LAB	N	9-12		TU		238	E E B	
25132	LAB	O	12-3		TU		238	E E B	
25140	LAB	P	3-6		TU		238	E E B	
25157	LAB	Q	3-6		W		238	E E B	
25164	LAB	R	9-12			TH	238	E E B	
25171	LAB	S	12-3			TH	238	E E B	
25189	LAB	T	3-6			TH	238	E E B	

E E 344 THEORY AND FABRICATION OF SOLID STATE DEVICES.
PREREQUISITE: E. E. 340.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISC AND ONE LAB.

25196	DISC	A1	8	M	W	F	260	E E B	
25207	DISC	E1	1	M	W	F	260	E E B	
25214	LAB	M	2-5	M			133	E E B	
25221	LAB	N	9-12		TU		133	E E B	
25239	LAB	O	2-5		TU		133	E E B	
25246	LAB	P	9-12			TH	133	E E B	
25253	LAB	Q	2-5			TH	133	E E B	

E E 349 NONLINEAR ELECTRONIC CIRCUITS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
3 HOURS, OR 3/4 OR 1 UNIT.

25261	DISC	B1	9	M	W	F	169	E E B	

E E 350 LINES, FIELDS, AND WAVES.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS OR 3/4 UNIT.

25278	DISC	A1	8	M	W	F	250	E E B	
25285	DISC	B1	9	M	W	F	250	E E B	
25292	DISC	G1	3	M	W	F	250	E E B	
25303	DISC	H1	4	M	W	F	250	E E B	

E E 352 ELECTROMAGNETIC FIELDS.
PREREQUISITE: E. E. 350.
3 HOURS OR 3/4 UNIT.
*SECTION &P IS AN HONORS SECTION.

25311	DISC	B1	9	M	W	F	257	E E B	
25328	DISC	C1	10	M	W	F	141	E E B	
25335	DISC	X1	12	M	W	F	254	E E B	
25342	DISC	E1	1	M	W	F	254	E E B	
25350	DISC	F1	2	M	W	F	269	E E B	
25367	DISC	H1	4	M	W	F	254	E E B	
25374	DISC	*&P	9		TU	TH	260	E E B	DYSON
		*&P	1-4			TH	251	E E B	

E E 353 RADIO CIRCUITS.
PREREQUISITE: E. E. 341; CREDIT OR REGISTRATION IN E. E. 310.
4 HOURS, OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

25381	DISC	C1	10	M W F	260	E E B
25399	DISC	F1	2	M W F	260	E E B
25400	LAB	M	9-12	TU	246	E E B
25417	LAB	N	12-3	TU	246	E E B
25424	LAB	O	3-6	TU	246	E E B
25431	LAB	P	9-12	TH	246	E E B
25449	LAB	Q	12-3	TH	246	E E B

E E 356 MICRO WAVE TECHNIQUES.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
1 HOUR, OR 0 OR 1/4 UNIT.

25456	LAB	M	9-12	TU	251	E E B
25463	LAB	N	2-5	TU	251	E E B

E E 357 RADIO ASTRONOMY.
SAME AS ASTR. 357.
PREREQUISITE: PHYCS. 108.
3 HOURS OR 1 UNIT.

25471	LECT	10	M W F	160	M E B

E E 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
SAME AS ASTR. AND PHYCS. 366.
PREREQUISITE: PHYCS. 342, 321, AND 381; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

25488	LECT	230-4	TU TH	136	P B

E E 367 ACTIVE NETWORKS.
PREREQUISITE: E. E. 342.
3 HOURS OR 3/4 UNIT.

25495	DISC	E1	1	M W F	169	E E B

E E 373 ENGINEERING ACOUSTICS.
SAME AS T. A. M. 373.
PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH E. E. 373 AND 374.
*3 HOURS, OR 3/4 TO 1 UNIT.

25506	DISC	X1	12	M W F	141	E E B

E E 374 ULTRASONIC TECHNIQUES.
PREREQUISITE: MATH. 345.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH E. E. 373 AND 374.
3 HOURS OR 1 UNIT.

25513	DISC	X1	12	M W F	250	E E B

E E 376 SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS.
PREREQUISITE: E. E. 350.
3 HOURS, OR 0 OR 1 UNIT.

25521	DISC	F1	2	M W F	170	E E B

E E 378 ELECTRIC POWER NETWORKS.
PREREQUISITE: E. E. 350.
3 HOURS, OR 0 OR 1 UNIT.

25538	DISC	H1	4	M W F	335	E E B

E E 381 PULSE TECHNIQUES.
PREREQUISITE: E. E. 342.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
*4 HOURS, OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ANY ONE LAB.

25545	DISC	C1	10	M W F	269	E E B
25552	LAB	M	9-12	TU	234	E E B
25560	LAB	N	12-3	TU	234	E E B
25577	LAB	O	3-6	TU	234	E E B

E E 382 TRANSISTOR CIRCUITS.
PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

25584	DISC	B1	9	M	W	F	269	E E	B
25591	DISC	G1	3	M	W	F	269	E E	B
25602	LAB	M	9-12		TH		241	E E	B
25610	LAB	N	12-3		TH		241	E E	B

E E 383 TRANSISTOR CIRCUITS.
PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

25627	DISC	B1	9	M	W	F	269	E E	B
25634	DISC	G1	3	M	W	F	269	E E	B

E E 384 PROPERTIES OF SOLIDS.
SAME AS MET. E. 384.
PREREQUISITE: PHYCS. 383
3 HOURS OR 3/4 UNIT.

25641	LECT-DISC	B1	9	M	W	F	119	M M	B
25659	LECT-DISC	B2	9	M	W	F	403	M M	B
25666	LECT-DISC	D	11	M	W	F	119	M M	B

E E 385 THEORY OF SEMICONDUCTOR COMPUTER DEVICES.
SAME AS C. S. 385.
PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

25673	LECT-DISC	B	9	M	W	F	161	E E	B

E E 386 FUNDAMENTALS OF SERVOMECHANISMS.
PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING, OR CONSENT OF INSTRUCTOR.
4 HOURS, OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

25681	DISC	E1	1	M	W	F	141	E E	B
25698	LAB	M	9-12		TU		233	E E	B
25709	LAB	N	12-3		TU		233	E E	B
25716	LAB	O	9-12			TH	233	E E	B
25723	LAB	P	12-3			TH	233	E E	B

E E 387 INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
PREREQUISITE: PHYCS. 383.
3 HOURS OR 1 UNIT.

25731	DISC	A1	8	M	W	F	269	E E	B

E E 388 ELECTRONIC ANALOG COMPUTERS.
PREREQUISITE: E. E. 340, 341, MATH. 345 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 0 OR 1 UNIT.

25748	DISC	N	10-1120		TU	TH	254	E E	B
25755	LAB	R	1-3		TU		262	E E	B
25762	LAB	T	3-5		TU		262	E E	B

E E 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS C. S. AND MATH 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

25770	LECT-DISC	C1	10	M	W	F	245	E E	B
25787	LECT-DISC	D1	11	M	W	F	149	ADMIN	

E E 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS C. S. AND MATH. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

25794	LECT-DISC	N1	10-1130		TU	TH	156	ADMIN	

E E 393 DIGITAL COMPUTER CIRCUIT DESIGN.
SAME AS C. S. 393.
PREREQUISITE: E. E. 342 AND C. S./E. E. 294 OR 391, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

25805	LECT-DISC	B1	9	M	W	F	202	T	B

E E 394 LOGICAL DESIGN OF AUTOMATIC DIGITAL COMPUTER CIRCUITS.
SAME AS C. S. 394.
PREREQUISITE: C. S. OR E. E. 294 AND SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

25812	LECT-DISC	C1	10	M W F	217	M E L	

E E 397 PROJECTS AND LECTURES IN QUANTUM ELECTRONICS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR; RECOMMENDED E. E. 387.
3 HOURS, OR 0 TO 1 UNIT.

25820	LECT	N	10	TU TH	257	E E B	
	LAB	N	ARR		267	E E B	

COURSES FOR GRADUATES

E E 400 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS.

25837	LECT	T	3	TH	151	E E B	MERKELO

E E 412 ADVANCED ENGINEERING MEASUREMENTS.
1 UNIT.

25844	DISC	R	1-220	TU TH	169	E E B	PEIRCE

E E 415 CONTROL SYSTEM THEORY AND DESIGN.
PREREQUISITE: E. E. 386 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

25851	DISC	F	2	M W F	335	E E B	KOKOTOVIC

E E 416 ANALYSIS OF NETWORKS AND SYSTEMS.
PREREQUISITE: E. E. 322, CREDIT OR REGISTRATION IN MATH. 346 OR 348.
1 UNIT.

25869	DISC	A	8	M W F	335	E E B	FETT
25876	DISC	G	3	M W F	335	E E B	YEH

E E 418 ELECTRIC AND MAGNETIC FIELDS.
1 UNIT.

25883	DISC	A	8	M W F	59	E E B	EMERY

E E 420 ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS.
PREREQUISITE: E. E. 352.
1 UNIT.

25891	DISC	B	9	M W F	335	E E B	LEE
25901	DISC	D	11	M W F	335	E E B	LO

E E 423 GASEOUS ELECTRONICS AND PLASMAS.
PREREQUISITE: PHYCS. 383 AND E. E. 352; OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
1 UNIT.

25919	DISC	G	3	M W F	170	E E B	VERDEYEN & CHERRINGTON

E E 428 ANALYSIS OF NONLINEAR SYSTEMS.
SAME AS T.A.M. 428.
PREREQUISITE: MATH. 341 AND CONSENT OF INSTRUCTOR.
1 UNIT.

25926	DISC	M	830-10	TU TH	335	E E B	WAX

E E 431 THEORY OF GUIDED WAVES.
PREREQUISITE: E.E. 420.
1 UNIT.

25933	DISC	P	1030-12	TU TH	335	E E B	KLOCK

E E 432 COMPOUND SEMICONDUCTORS (OPTICAL DEVICES).
PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING WITH SOME BACKGROUND IN MODERN PHYSICS, ELEMENTARY QUANTUM MECHANICS, AND ELEMENTARY SEMICONDUCTOR THEORY (OR EQUIVALENT).
1 UNIT.

25941	DISC	A	8	M W F	57	E E B	HOLONYAK

E E 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
SAME AS PHYCS. 435.
PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS.
1 UNIT.

25958	DISC	R	1-220	TU TH	335	E E B		SAH

E E 440 ADVANCED POWER CIRCUIT ANALYSIS, I.
1 UNIT.

25965	DISC	N	ARR					HELM

E E 451 ADVANCED NETWORK SYNTHESIS.
PREREQUISITE: E. E. 324 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN MATH. 346.
1 UNIT.

25972	DISC	E	1	M W F	335	E E B		TRICK

E E 454 SAMPLED-DATA CONTROL SYSTEMS.
PREREQUISITE: E. E. 386 OR 415 OR EQUIVALENT.
1 UNIT.

25980	DISC	D	11	M W F	254	E E B		KUO

E E 463 INFORMATION THEORY.
SAME AS C. S. AND MATH. 463.
PREREQUISITE: MATH. 361 OR EQUIVALENT.
1 UNIT.

25997	LECT-DISC	L1	830-10	TU TH	256	M E B		PREPARATA

E E 465 TOPICS IN AUTOMATA THEORY.
SAME AS C. S. AND MATH. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.

26000	LECT-DISC	B1	9	M W F	257	A H		MULLER

E E 470 NONLINEAR OPTICS.
PREREQUISITE: E. E. 420.
1 UNIT.

26017	DISC	E	1	M W F	57	E E B		GADDY

E E 472 QUANTUM ELECTRONICS.
PREREQUISITE: PHYCS. 381.
1 UNIT.

26024	DISC	F	2	M W F	57	E E B		COLEMAN & VERDEYEN

E E 477 ADVANCED ANTENNA THEORY.
PREREQUISITE: E. E. 420.
1 UNIT.

26031	DISC	T	3-420	TU TH	335	E E B		MAYES & LO

E E 477 CONTINUED

E E 490 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
0 TO 1/2 UNIT.
SECTION A IS AERONOMY.
SECTION B IS ANTENNAS.
SECTION C IS BIOLOGICAL COMPUTERS.
SECTION D IS BIOACOUSTICS.
SECTION E IS CHARGED PARTICLES.
SECTION F IS OPTICAL ELECTRONICS.
SECTION G IS ELECTRO-PHYSICS.
SECTION H IS GASEOUS ELECTRONICS AND PLASMAS.
SECTION I IS IONOSPHERICS.
SECTION J IS RADIO ASTRONOMY.
SECTION K IS SEMICONDUCTORS AND SOLID STATE DEVICES.
SECTION L IS INFORMATION SCIENCE.
SECTION M IS COGNATIVE MEMORY.
SECTION N IS CONTROL AND OPTIMIZATION.
SECTION O IS SPEECH PROCESSING.
SECTION P IS COMPUTER-GUIDED EXPERIMENTATION.
SECTION Q IS CONTROL SYSTEMS.
SECTION R IS RADIOLOCATION.

26049	LECT	A	4	TU	269	E E B	SECHRIST
26056	LECT	B	ARR				DESCHAMPS AND MITTRA
26063	LECT	C	ARR				VONFOERSTER
26071	LECT	D	ARR				DUNN & FRY
26088	LECT	E	ARR				HENDRICKS
26095	LECT	F	ARR				GADDY AND HOLSHOUSER
26106	LECT	G	ARR				COLEMAN
26113	LECT	H	ARR				GOLDSTEIN VERDEYEN, MERKELO & CHERRINGTON
26121	LECT	I	ARR				YEH
26138	LECT	J	ARR				SWENSON
	LECT	K	ARR				BARDEEN, HOLONYAK & SA-
26145	LECT	L	ARR				CHIEN
26152	LECT	M	ARR				CHIEN
90189	LECT	N	ARR				VONFOERSTER KOKOTOVIC,CRU. & PERKINS
26160	LECT	O	ARR				BABCOCK
26177	LECT	P	ARR				NEAL
26184	LECT	Q	ARR				KUO
26191	LECT	R	ARR				BAILEY

E E 497 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 1 UNIT.
*SECTION A IS CHEMICAL AND MOLECULAR LASERS FOR 1 UNIT CREDIT.
*SECTION M1 IS ANTENNAS AND ANTENNA SYSTEMS FOR 1 UNIT CREDIT.
*SECTION H2 IS BASIC AERONOMIC PROCESSES FOR 1 UNIT CREDIT.
*SECTION JC IS WAVE MOTION FOR ENGINEERS FOR 1 UNIT CREDIT.
*SECTION MG IS PRINCIPLES OF ATMOSPHERIC DYNAMICS FOR 1 UNIT CREDIT.
SECTION K1 IS CIRCUIT MODELS OF SEMICONDUCTOR DEVICES FOR 1 UNIT CREDIT.
SECTION JB IS TEAM ELECTRONIC DESIGN PROJECT FOR ELECTRONIC MUSIC FOR 1/2 UNIT CREDIT.
SECTION RC IS INTRODUCTION TO QUESTION-ANSWERING SYSTEMS AND ARTIFICIAL INTELLIGENCE FOR 1 UNIT CREDIT.

26202	DISC	*A	ARR				COLEMAN
26210	DISC	*M1	830-10	TU TH	257	E E B	MAST
26227	DISC	*H2	4	M W F	57	E E B	SECHRIST
26234	DISC	*JC	9	M W F	254	E E B	CROWLEY
26241	DISC	*MG	10-1120	TU TH	57	E E B	GELLER
26259	DISC	K1	9-1020	TU TH	170	E E B	SAH-YAU
26266	DISC	JB	ARR				BEAUCHAMP
26273	DISC	RC	2-320	TU TH	57	E E B	CHIEN

E E 498 INDIVIDUAL STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

26281	CONF	K	ARR

E E 499 THESIS RESEARCH.
0 TO 4 UNITS.

26298	CONF	K	ARR

ELEMENTARY EDUCATION

DEPARTMENT OFFICE 306 EDUC

COURSES FOR UNDERGRADUATES

EL ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
*SECTION 1 IS CONCERNED WITH A COMPARISON OF BRITISH AND AMERICAN OPEN EDUCATION AND REGULAR PROGRAMS AND IS ESPECIALLY DESIGNED FOR STUDENTS PLANNING THE BRISTOL EXPERIENCE IN THEIR PROGRAM AND THOSE WHO HAVE GONE TO BRISTOL.

26309	LECT-DISC	*1	7-9PM	M			MANOLAKES

COURSES FOR ADVANCED UNDERGRADUATES

EL ED 230 PRINCIPLES, PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION.
PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232.
3 HOURS.
OPEN ONLY TO STUDENT TEACHERS. NOTE: FIRST MEETING FOR ALL SECTIONS IN ROOM 2 EDUCATION BUILDING.

26316	LECT-DISC	1	7-10PM	TH	2	EDUC	WESTON
26323	LECT-DISC	2	7-10PM	TH	162	EDUC	
26331	LECT-DISC	3	7-10PM	TH	166	EDUC	
26348	LECT-DISC	4	7-10PM	TH	192	EDUC	
26355	LECT-DISC	5	7-10PM	TH	382	EDUC	
26362	LECT-DISC	6	7-10PM	TH	6	COM W	
26370	LECT-DISC	7	7-10PM	TH	91	COM W	
26387	LECT-DISC	8	7-10PM	TH	8	COM W	
26394	LECT-DISC	9	7-10PM	TH	11	COM W	
26405	LECT-DISC	10	7-10PM	TH	94	COM W	
26412	LECT-DISC	11	7-10PM	TH	96	COM W	
26420	LECT-DISC	12	7-10PM	TH	20	COM W	

EL ED 233 CLASSROOM PROGRAMS IN CHILDHOOD EDUCATION.
PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.
2 HOURS.

26437	LECT-DISC	T1	3-5	TU	150	ARMORY	
26444	LECT-DISC	T2	3-5	TH	166	EDUC	

EL ED 235 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.
*SECTION M WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

26469	LECT-DISC	*M	9-11	TU TH	151	ARMORY	RODGERS
		*M	3-5	W	151	ARMORY	
26451	LECT-DISC	R	1-3	TU	162	EDUC	MCGILL
		R	1	TH	33	EDUC	

EL ED 237 THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING.
PREREQUISITE: ED. PSY. 236.
5 HOURS.
THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF.
STUDENTS SHOULD ENROLL IN ONE LAB-PRACTICE-LECTURE COMBINATION.

26476	LAB	A1	8-10	TU	385	EDUC	
	PRACT	A1	8-10	M WTHF	ARR		
		A1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
26483	LAB	A2	8-10	TH	385	EDUC	
	PRACT	A2	8-10	MTUW F	ARR		
		A2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
26491	LAB	B1	10-12	F	2	EDUC	
	PRACT	B1	8-10	MTUWTHF	ARR		
		B1	10-12	TU TH	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
26501	LAB	B2	8-10	TH	192	EDUC	
	PRACT	B2	8-10	MTUW F	ARR		
		B2	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES

EL ED 237 CONTINUED

26519	LAB	C1	10-12	TU	385	EDUC	
	PRACT	C1	8-10	MTUWTHF	ARR		
		C1	10-12	TU THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
26526	LAB	C2	10-12	TH	385	EDUC	
	PRACT	C2	8-10	MTUWTHF	ARR		
		C2	10-12	TU F	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES

EL ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

26533	CONF		ARR				STAFF

EL ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

26541	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

EL ED 332 PRINCIPLES AND PRACTICES IN ELEMENTARY MATHEMATICS EDUCATION.
PREREQUISITE: MATH. 202 AND 203 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

26558	LECT-DISC	R	1-3	TU TH	2	EDUC	LERCH

EL ED 333 THE TEACHING OF LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.
PREREQUISITE: EL. ED. 237 AND ED. PSY. 236.
3 HOURS, OR 1/2 TO 1 UNIT.
*ALL SECTIONS EXCEPT Y ARE FOR STUDENT TEACHERS AND WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

26565	LECT-DISC	A	8-10	M W F	151	ARMORY	
26572	LECT-DISC	C	10-12	M W F	192	EDUC	
26580	LECT-DISC	F	1-3	M W F	224	D K H	
26597	LECT-DISC	F2	1-3	M W F	15	D K H	
26608	LECT-DISC	*Y	7-9PM	TU	389	EDUC	

EL ED 334 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION.
PREREQUISITE: EL. ED. 237.
3 HOURS, OR 1/2 OR 1 UNIT.
*UNDERGRADUATE STUDENTS IN EARLY CHILDHOOD EDUCATION MUST ENROLL IN SECTION R. IT WILL NOT MEET DURING ELEMENTARY SCHOOL EIGHT-WEEK STUDENT TEACHING. GRADUATE STUDENTS SHOULD ENROLL IN SECTION H.

26615	LECT-DISC	*H	430-630	TU	166	EDUC	KATZ
26622	LECT-DISC	*R	1-4	TU TH	153	ARMORY	

EL ED 335 SCIENCE IN THE ELEMENTARY SCHOOL.
PREREQUISITE: EL. ED. 237, OR EQUIVALENT; TWO YEARS OF COLLEGE SCIENCE.
3 HOURS OR 1/2 UNIT.
LABORATORY WILL BE OPEN DAILY. SEE SCHEDULE AT LAB. EXTRA LAB HOURS REQUIRED OF ALL SECTIONS.
*LECTURES 2 AND 3 AND LABS 2 AND 3 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE FOR STUDENT TEACHERS ONLY.

26630	LECT	1	1-3	M	4G	EDUC	
	LAB	1	ARR		4	EDUC	
26647	LECT	*2	1-3	TU	4G	EDUC	
	LAB	*2	ARR		4	EDUC	
26654	LECT	*3	10-12	TU	4G	EDUC	ATKIN
	LAB	*3	ARR		4	EDUC	

EL ED 336 FUNDAMENTALS OF READING TECHNIQUES.
SAME AS SE. ED. 336.
PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER EDUCATION CURRICULUM.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS A, C, C1, AND E WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR ELEMENTARY EDUCATION STUDENTS. SECTIONS W, X, Y AND Z WILL NOT MEET DURING THE SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR SECONDARY EDUCATION STUDENTS.
STUDENTS IN ELEMENTARY EDUCATION, SPECIAL EDUCATION, AND SCHOOL PSYCHOLOGY PROGRAM MUST ENROLL IN SECTIONS A, B, C, C1, E, E1 OR F.
STUDENTS IN SECONDARY EDUCATION MUST ENROLL IN SECTIONS W, X, Y, OR Z.
*SECTION Y IS RESERVED FOR DISTRICT 214 STUDENTS. SECTION Z IS RESERVED FOR TEACHING OF ENGLISH TO ETHNIC MINORITY GROUPS.

26711	LECT-DISC	*A	8-10	M	W	F	166	EDUC	
26729	LECT-DISC	*C	10-12	M	W	F	1	EDUC	
26736	LECT-DISC	*C1	10-12	M	W	F	166	EDUC	
26743	LECT-DISC	*E	1-3	M	W	F	192	EDUC	
26686	LECT-DISC	*B	9	M	W	F	192	EDUC	
26693	LECT-DISC	*E1	1	M	W	F	192	EDUC	
26704	LECT-DISC	*F	2	M	W	F	192	EDUC	
26661	LECT-DISC	*W	1-3	M	W		152	ARMORY	WALKER
		*W	1			F	152	ARMORY	
26679	LECT-DISC	*X	2-4	M	W		442	M H	KOENKE
		*X	2			F	442	M H	
26768	LECT-DISC	*Y	ARR						
26751	LECT-DISC	*Z	9	MTUWTHF			19	D K H	WALKER

EL ED 337 ART EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING.
3 HOURS OR 1/2 UNIT.
*STUDENTS IN ELEMENTARY EDUCATION AND EARLY CHILDHOOD EDUCATION CURRICULA AND ONLY THOSE STUDENTS MUST ENROLL IN SECTIONS A, C, E AND F. SECTIONS A AND C WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD. STUDENTS IN ART EDUCATION AND ONLY THOSE STUDENTS MUST ENROLL IN SECTION E2.

26775	LECT-DISC	*A	8	MTUWTHF			106	F A B	
26782	LECT-DISC	*C	10	MTUWTHF			207	F A B	
26801	LECT-DISC	*E	1	M	W	F	107	F A B	
26790	LECT-DISC	*E2	1	M	W	F	207	F A B	
26818	LECT-DISC	*F	2	M	W	F	107	F A B	

EL ED 339 CORRECTIVE READING.
SAME AS EDPSY. 339.
PREREQUISITE: EL. ED. 336 OR 338.
3 HOURS OR 1 UNIT.
MUST APPLY IN ADVANCE WITH READING CLINIC DIRECTOR IN 10 EDUCATION AND ENROLL IN ASSIGNED SECTION.

26825	LECT-DISC	U1	4-6	TU			10	EDUC
26832	LECT-DISC	H	4-6		W		10	EDUC
26840	LECT-DISC	U2	4-6			TH	10	EDUC

COURSES FOR GRADUATES

EL ED 431 ELEMENTARY SCHOOL CLASSROOM PROGRAMS.
1 UNIT.

26857	LECT-DISC		7-9PM	TU			166	EDUC	MCGILL

EL ED 432 CLINICAL DIAGNOSIS AND REMEDIATION IN READING.
PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL MENTAL TESTING.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*1 UNIT.
STUDENTS MUST APPLY IN ADVANCE TO THE READING CLINIC DIRECTOR IN 10 EDUCATION BUILDING PRIOR TO ENROLLMENT.

26864	LECT-DISC		4-6	M			10	EDUC

EL ED 433 CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY EDUCATION.
PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR; LANGUAGE ARTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF INSTRUCTOR; CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR; SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, OR CONSENT OF INSTRUCTOR; READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR; EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION A IS FOR LANGUAGE ARTS. SECTION B IS FOR SOCIAL STUDIES.
*SECTION D IS FOR ARITHMETIC. SECTION F IS FOR READING.

26871	LECT-DISC *A	4-6	TU		389	EDUC	MOORE
26889	LECT-DISC *B	7-9PM		TH	389	EDUC	MCGILL
26896	LECT-DISC *D	4-6		TH	389	EDUC	LERCH
26907	LECT-DISC *F	10-12		S	389	EDUC	DURKIN

EL ED 434 PROGRAMS IN EARLY CHILDHOOD EDUCATION.
1 UNIT.

26914	LECT-DISC	10-12	TH	192	EDUC	LAVATELLI

EL ED 437 METHODS OF CHILD STUDY.
PREREQUISITE: ED. PSY. 312 OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION U WILL EMPHASIZE PIAGET'S THEORIES AND METHODS.

26921	LECT-DISC *U	430-630	TU	91	COM W	LAVATELLI

EL ED 439 FUNDAMENTALS OF CURRICULUM DEVELOPMENT.
1 UNIT.

26939	LECT-DISC A	7-9PM	M	162	EDUC	SHORES
26946	LECT-DISC B	7-9PM	M	33	EDUC	RODGERS

EL ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

26953	CONF	ARR	GRADUATE STAF

EL ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1 TO 2 UNITS.
*SECTION G IS FOR RESEARCH AND DESIGN IN CURRICULUM DEVELOPMENT. THIS WORKSHOP IS DESIGNED ESPECIALLY FOR ADVANCED GRADUATE STUDENTS IN EDUCATION INCLUDING CURRICULUM SPECIALISTS, SUPERVISORS, AND PRINCIPALS. SECTION F IS FOR EARLY CHILDHOOD. SECTION L IS FOR CHILDREN'S LITERATURE. SECTION U IS FOR URBAN EDUCATION.

26961	LECT-DISC *G	7-9PM	M	385	EDUC	LERCH-DENNY
26978	LECT-DISC *F	4-6	W	91	COM W	KATZ
26985	LECT-DISC *L	7-9PM	TH	385	EDUC	EVERTTS
26992	LECT-DISC *U	7-9PM	TU	25	EDUC	RODGERS

EL ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN ELEMENTARY EDUCATION.
1 TO 2 UNITS.
*SECTION C WILL EMPHASIZE RESEARCH METHODS IN COGNITIVE AND LANGUAGE DEVELOPMENT.

27005	LECT-DISC *C	10-12	W	6	COM W	LAVATELLI

EL ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

27012	CONF	ARR	GRADUATE STAFF

EL ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

27020	CONF	ARR	GRADUATE STAFF

DEPARTMENT OFFICE 101 E H

COURSES FOR UNDERGRADUATES

ENG 100 ENGINEERING LECTURE.
REQUIRED OF FRESHMEN IN THE COLLEGE OF ENGINEERING.

27037	LECT	AE1	3	TU	L H THEATRE	STAFF
27044	LECT	AE2	4	TU	L H THEATRE	
27051	LECT	AG1	3	TU	L H THEATRE	
27069	LECT	AG2	4	TU	L H THEATRE	
27076	LECT	CE1	3	TU	L H THEATRE	
27083	LECT	CE2	4	TU	L H THEATRE	
27091	LECT	CR1	3	TU	L H THEATRE	
27101	LECT	CR2	4	TU	L H THEATRE	
27119	LECT	CS1	3	TU	L H THEATRE	
27126	LECT	CS2	4	TU	L H THEATRE	
27133	LECT	EE1	3	TU	L H THEATRE	
27141	LECT	EE2	4	TU	L H THEATRE	
27158	LECT	EC1	3	TU	L H THEATRE	
27165	LECT	EC2	4	TU	L H THEATRE	
27172	LECT	EM1	3	TU	L H THEATRE	
27180	LECT	EM2	4	TU	L H THEATRE	
27197	LECT	GE1	3	TU	L H THEATRE	
27208	LECT	GE2	4	TU	L H THEATRE	
27215	LECT	IE1	3	TU	L H THEATRE	
27222	LECT	IE2	4	TU	L H THEATRE	
27230	LECT	ME1	3	TU	L H THEATRE	
27247	LECT	ME2	4	TU	L H THEATRE	
27254	LECT	MT1	3	TU	L H THEATRE	
27261	LECT	MT2	4	TU	L H THEATRE	
27279	LECT	PH1	3	TU	L H THEATRE	
27286	LECT	PH2	4	TU	L H THEATRE	

ENG 101 COOPERATIVE ENGINEERING EDUCATION SEMINAR.
PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.

27293	LECT-DISC	5	M	119	M M B	OPPERMAN

ENG 102 COOPERATIVE ENGINEERING EDUCATION PRACTICE.
PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.

27304	PRACT	ARR	OPPERMAN

ENG 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

27311	LECT-DISC	ARR

ENGINEERING HONORS

DEPARTMENT OFFICE 101 E H

COURSES FOR UNDERGRADUATES

ENG H 196 THE ENGINEER AND SOCIETY.
PREREQUISITE: FRESHMAN JAMES SCHOLAR.
2 HOURS.
27329 LECT-DISC & 10-12 TH ARR

ENG H 197 THE ENGINEER AND HIS PROFESSION.
PREREQUISITE: FRESHMAN JAMES SCHOLAR.
1 HOUR.
27336 LECT-DISC & 3-430 M 235 M E B

ENG H 198 HONORS SEMINAR.
PREREQUISITE: HONORS STUDENT IN THE UNIVERSITY.
1 TO 4 HOURS.
27343 CONF & ARR

COURSES FOR ADVANCED UNDERGRADUATES

ENG H 297 COLLEGE HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.
*SECTION &O IS INDEPENDENT STUDY.
*SECTION &P IS COMPUTER GRAPHICS.
27351 CONF *&O ARR
27368 LECT-DISC *&P 10-12 TU 302 T B PLECK

ENGLISH LITERATURE AND AMERICAN LITERATURE

DEPARTMENT OFFICE 100 E B

MAJOR: A COURSE IN SHAKESPEARE AND TWENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE TWENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FOLLOWING GROUPS: (1) AMERICAN LITERATURE: ENGLISH 255, 256. (2) ENGLISH LITERATURE PRIOR TO 1616; ENGLISH 221, 235, 311, 325, 326, OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, OR 349; (4) ENGLISH LITERATURE FROM 1800 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATURE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES.
ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISER ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINORS: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSITUTES FOR FRENCH 104, GERMAN 104, AND SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: THE ENGLISH DEPARTMENT OFFERS FIVE SPECIAL COURSES (197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PROGRAM. A FULL DESCRIPTION OF THIS PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL OFFICES, THE DEPARTMENTAL DIRECTOR OF HONORS, OR FROM ANY MAJOR ADVISOR. A STUDENT MAJORING IN ENGLISH WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR BETTER) MAY EARN DISTINCTION ONLY BY SUCCESSFULLY COMPLETING ENGLISH 297, 298, AND ANY TWO OF THE OTHER THREE (197, 295, 296) HONORS SEMINARS IN ADDITION TO THE OTHER REMAINING REGULAR REQUIREMENTS FOR HIS MAJOR. A STUDENT ENROLLED IN THE TEACHER EDUCATION CURRICULUM MAY EARN DISTINCTION BY SUBSTITUTING ENGLISH 197 FOR ENGLISH 297 AND BY TAKING ENGLISH 298 DURING WHICHEVER SEMESTER OF HIS SENIOR YEAR HE IS ON CAMPUS THE FULL TIME.

THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE HONORS COMMITTEE, THE INSTRUCTORS IN THE HONORS SEMINARS, THE ENGLISH 298 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONORS ESSAY. TO RECEIVE HIGHEST DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE POINT AVERAGE OF 4.75 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGH DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.5. IF, IN THE OPINION OF THOSE DESIGNATED TO DETERMINE THESE MATTERS, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONORS COURSES HE HAS TAKEN.

COURSES FOR UNDERGRADUATES

ENGL 101 INTRODUCTION TO POETRY.
3 HOURS.
*RESERVED FOR ELEMENTARY EDUCATION MAJORS.

27375	LECT-DISC	A1	8	M	W	F	137	ADMIN
27382	LECT-DISC	A2	8	M	W	F	209	E B
27390	LECT-DISC	B1	9	M	W	F	259	E B
27401	LECT-DISC	B2	9	M	W	F	388	L H
27418	LECT-DISC	C1	10	M	W	F	147	ARMORY
27425	LECT-DISC	D1	11	M	W	F	147	ARMORY
27432	LECT-DISC	D2	11	M	W	F	144	BEV HALL
27440	LECT-DISC	X1	12	M	W	F	241	ARMORY
27457	LECT-DISC	X2	12	M	W	F	144	BEV HALL
27464	LECT-DISC	X3	12	M	W	F	282	BEV HALL
27471	LECT-DISC	E1	1	M	W	F	259	E B
27489	LECT-DISC	E2	1	M	W	F	108	E B
27496	LECT-DISC	F1	2	M	W	F	310	D K H
27507	LECT-DISC	F2	2	M	W	F	259	E B
27514	LECT-DISC	G1	3	M	W	F	117	E B
27521	LECT-DISC	G2	3	M	W	F	282	BEV HALL
27539	LECT-DISC	H1	4	M	W	F	137	ADMIN
27546	LECT-DISC	L1	9	TU	TH		138	ADMIN
		L1	10		TH		138	ADMIN
27553	LECT-DISC	N1	11	TU	TH		138	ADMIN
		N1	12		TH		138	ADMIN
27592	LECT-DISC	*P1	1	TU	TH		138	ADMIN
		*P1	2		TH		138	ADMIN
27561	LECT-DISC	P2	1	TU	TH		147	ARMORY
		P2	2		TH		147	ARMORY
27578	LECT-DISC	R1	3	TU	TH		201	E B
		R1	4	TU			201	E B
27585	LECT-DISC	R2	3	TU	TH		147	ARMORY
		R2	4	TU			147	ARMORY

ENGL 102 INTRODUCTION TO THE DRAMA.
3 HOURS.

27603	LECT-DISC	A1	8	M	W	F	138	ADMIN
27611	LECT-DISC	A2	8	M	W	F	147	ARMORY
27628	LECT-DISC	A3	8	M	W	F	310	D K H
27635	LECT-DISC	A4	8	M	W	F	312	D K H
27642	LECT-DISC	B1	9	M	W	F	147	ARMORY
27650	LECT-DISC	C1	10	M	W	F	108	E B
27667	LECT-DISC	D1	11	M	W	F	242	ARMORY
27674	LECT-DISC	D2	11	M	W	F	310	D K H
27681	LECT-DISC	X1	12	M	W	F	242	ARMORY
27699	LECT-DISC	X2	12	M	W	F	310	D K H
27700	LECT-DISC	X3	12	M	W	F	312	D K H
27717	LECT-DISC	E1	1	M	W	F	312	D K H
27724	LECT-DISC	E2	1	M	W	F	117	E B

ENGL 102 CONTINUED

27731	LECT-DISC	F1	2	M W F	142	ADMIN
27749	LECT-DISC	F2	2	M W F	312	D K H
27756	LECT-DISC	G1	3	M W F	205	E B
27763	LECT-DISC	G2	3	M W F	138	ADMIN
27771	LECT-DISC	H1	4	M W F	138	ADMIN
27788	LECT-DISC	P1	1	TU TH	142	ADMIN
		P1	2	TH	142	ADMIN
27795	LECT-DISC	P2	1	TU TH	310	D K H
		P2	2	TH	310	D K H
27806	LECT-DISC	R1	3	TU TH	142	ADMIN
		R1	4	TU	142	ADMIN
27813	LECT-DISC	R2	3	TU TH	310	D K H
		R2	4	TU	310	D K H

ENGL 103 INTRODUCTION TO FICTION.
3 HOURS.

27821	LECT-DISC	A1	8	M W F	140	ADMIN
27838	LECT-DISC	A2	8	M W F	388	L H
27845	LECT-DISC	A3	8	M W F	243	ARMORY
27852	LECT-DISC	B1	9	M W F	243	ARMORY
27860	LECT-DISC	B2	9	M W F	144	BEV HALL
27877	LECT-DISC	B3	9	M W F	205	E B
27884	LECT-DISC	C	10	M W F	209	E B
27891	LECT-DISC	D	11	M W F	G 20	F L B
27902	LECT-DISC	X1	12	M W F	147	ARMORY
27910	LECT-DISC	X2	12	M W F	205	E B
27927	LECT-DISC	X3	12	M W F	240	L H
27934	LECT-DISC	E1	1	M W F	201	E B
27941	LECT-DISC	E2	1	M W F	147	ARMORY
27959	LECT-DISC	E3	1	M W F	205	E B
27966	LECT-DISC	F1	2	M W F	144	BEV HALL
27973	LECT-DISC	F2	2	M W F	147	ARMORY
27981	LECT-DISC	G1	3	M W F	144	BEV HALL
27998	LECT-DISC	G2	3	M W F	147	ARMORY
28001	LECT-DISC	H1	4	M W F	117	E B
28018	LECT-DISC	H2	4	M W F	328	ARMORY
28025	LECT-DISC	P1	1	TU TH	328	ARMORY
		P1	2	TH	328	ARMORY
28032	LECT-DISC	P2	1	TU TH	388	L H
		P2	2	TH	388	L H
28040	LECT-DISC	P3	1	TU TH	333	ARMORY
		P3	2	TH	333	ARMORY
28057	LECT-DISC	R1	3	TU TH	140	ADMIN
		R1	4	TU	140	ADMIN
28064	LECT-DISC	R2	3	TU TH	328	ARMORY
		R2	4	TU	328	ARMORY
28071	LECT-DISC	R3	3	TU TH	205	E B
		R3	4	TU	205	E B

ENGL 115 MASTERPIECES OF ENGLISH LITERATURE.
3 HOURS.

28089	LECT-DISC	B1	9	M W F	333	ARMORY
28096	LECT-DISC	B2	9	M W F	241	ARMORY
28107	LECT-DISC	C1	10	M W F	223	E B
28114	LECT-DISC	C2	10	M W F	206	D K H
28121	LECT-DISC	D1	11	M W F	206	D K H
28139	LECT-DISC	D2	11	M W F	333	ARMORY
28146	LECT-DISC	X	12	M W F	333	ARMORY
28153	LECT-DISC	E	1	M W F	282	BEV HALL
28161	LECT-DISC	F	2	M W F	282	BEV HALL

ENGL 116 MASTERPIECES OF AMERICAN LITERATURE.
3 HOURS.

28178	LECT-DISC	A1	8	M W F	328	ARMORY
28185	LECT-DISC	A2	8	M W F	117	E B
28192	LECT-DISC	B	9	M W F	109	N L
28203	LECT-DISC	C	10	M W F	109	N L
28211	LECT-DISC	D	11	M W F	1030	F L B
28228	LECT-DISC	X	12	M W F	328	ARMORY
28235	LECT-DISC	E	1	M W F	223	E B
28242	LECT-DISC	F	2	M W F	108	E B
28250	LECT-DISC	G	3	M W F	312	D K H
28267	LECT-DISC	P	1	TU TH	282	BEV HALL
		P	2	TH	282	BEV HALL
28274	LECT-DISC	R	3	TU TH	282	BEV HALL
		R	4	TU	282	BEV HALL

ENGL 131 INTRODUCTION TO SHAKESPEARE.
PREREQUISITE: SOPHOMORE STANDING OR EXEMPTION FROM RHET. 102. OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.
3 HOURS.

28281	LECT-DISC	A	8	M	W	F	142	ADMIN	
28299	LECT-DISC	B1	9	M	W	F	328	ARMORY	
28300	LECT-DISC	B2	9	M	W	F	312	D K H	
28317	LECT-DISC	C1	10	M	W	F	259	E B	
28324	LECT-DISC	C2	10	M	W	F	241	ARMORY	
28331	LECT-DISC	D	11	M	W	F	241	ARMORY	
28349	LECT-DISC	X	12	M	W	F	138	ADMIN	
28356	LECT-DISC	E1	1	M	W	F	142	ADMIN	
28363	LECT-DISC	E2	1	M	W	F	310	D K H	
28371	LECT-DISC	F1	2	M	W	F	140	ADMIN	
28388	LECT-DISC	F2	2	M	W	F	205	E B	
28395	LECT-DISC	G	3	M	W	F	310	D K H	

ENGL 195 FRESHMAN SEMINAR, I.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS SUPERIOR STUDENT, OR CONSENT OF INSTRUCTOR.
4 HOURS.

28406	LECT-DISC	C	10-12	M	W		333	ARMORY	WHEELER
28413	LECT-DISC	E1	1-3	M	W		307	E B	HOTCH
28421	LECT-DISC	G	3-5	M	W		307	E B	SCHNEIDER

ENGL 197 SOPHOMORE HONORS SEMINAR.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTION G TOPIC: LITERATURE AND ANTHROPOLOGY: CENTRAL AMERICAN CULTURE AND MODERN AMERICAN POETRY.
*SECTION L TOPIC: WISDOM, FOLLY AND NATURE IN 4 RENAISSANCE WRITERS

28438	LECT-DISC	*G	3-5		TH		303	E B	KYLE
28445	LECT-DISC	*L	9-11	TU			303	E B	KAY

ENGL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
*SECTIONS F1, F2, G TOPICS: FILM AS LITERATURE.
*SECTION B TOPIC: APPALACHIA.

28460	LECT-DISC	*F1	2	M	W	F	388	L H	
		*F1	3		W		106	L H	
28477	LECT-DISC	*F2	2	M	W	F	390	L H	
		*F2	3		W		106	L H	
28484	LECT-DISC	*G	2		W		194	L H	
		*G	3	M	W	F	106	L H	
28491	LECT-DISC	*B	9	M	W	F	307	E B	WHISNANT
28452	CONF	ARR	ARR						STAFF

COURSES FOR ADVANCED UNDERGRADUATES

ENGL 215 PRACTICAL CRITICISM.
PREREQUISITE: NINE HOURS OF LITERATURE OR CONSENT OF INSTRUCTOR.
3 HOURS.
*WILL NOT MEET DURING SIX-WEEK PRACTICE TEACHING SESSION.

28502	LECT-DISC	B	9	M	W	F	282	BEV HALL	PURAVS
28510	LECT-DISC	C	10	M	W	F	282	BEV HALL	PURAVS
28527	LECT-DISC	X	12	M	W	F	337	ARMORY	NELSON
28541	LECT-DISC	*E	1	MTUWTHF			242	ARMORY	NELSON
28534	LECT-DISC	F	2	M	W	F	270	L H	WHEELER

ENGL 221 MEDIEVAL LITERATURE.
3 HOURS.

28559	LECT-DISC	B	9	M	W	F	102	L H	TRAHERN

ENGL 231 SHAKESPEARE, I.
3 HOURS.

28566	LECT-DISC	B1	9	M	W	F	240	L H	COLE
28573	LECT-DISC	B2	9	M	W	F	310	D K H	KAY
28581	LECT-DISC	C1	10	M	W	F	240	L H	COLE
28598	LECT-DISC	C2	10	M	W	F	310	D K H	KAY
28609	LECT-DISC	C3	10	M	W	F	388	L H	SHAPIRO
28616	LECT-DISC	D	11	M	W	F	240	L H	SHAPIRO
28623	LECT-DISC	P	1	TU TH			259	E B	HINELY
		P	2	TU			259	E B	HINELY

ENGL 232 SHAKESPEARE, II.
3 HOURS.

28631	LECT-DISC	C	10	M W F	241	ARMORY	NEELY
28648	LECT-DISC	D	11	M W F	328	ARMORY	MULLIN
28655	LECT-DISC	L	9	TU TH	259	E B	HINELY
		L	10	TU	259	E B	HINELY
28662	LECT-DISC	R	3	TU TH	259	E B	HINELY
		R	4	TH	259	E B	HINELY

ENGL 235 ENGLISH DRAMA PREVIOUS TO SHAKESPEARE.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

28670	LECT-DISC	B	9	M W F	390	L H	SHAPIRO

ENGL 245 ENGLISH LITERATURE FROM 1688 TO 1789.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

28687	LECT-DISC	C	10	M W F	102	L H	RHODES
28694	LECT-DISC	F	2	M W F	102	L H	RHODES

ENGL 246 THE ENGLISH ROMANTIC POETS.
3 HOURS.

28705	LECT-DISC	E	1	M W F	102	L H	MAJDIAK
28712	LECT-DISC	F	2	M W F	105	H H	WALDOFF
28720	LECT-DISC	G	3	M W F	105	H H	WALDOFF

ENGL 251 GREAT NOVELISTS OF THE EIGHTEENTH CENTURY.
3 HOURS.

28737	LECT-DISC	D1	11	M W F	196	L H	RHODES

ENGL 252 GREAT ENGLISH NOVELISTS OF THE NINETEENTH CENTURY.
3 HOURS.

28744	LECT-DISC	A	8	M W F	223	E B	BENNETT

ENGL 253 GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.
3 HOURS.

28751	LECT-DISC	C	10	M W	138	ADMIN	ADELMAN

ENGL 255 SURVEY OF AMERICAN LITERATURE, I.
*CREDIT IS NOT GIVEN FOR BOTH ENGL. 113 AND 255.
*3 HOURS.
*SECTION B2 WILL NOT MEET DURING THE SIX-WEEKS STUDENT TEACHING PERIOD.

28769	LECT-DISC	B1	9	M W F	117	E B	HAMILTON
28833	LECT-DISC	B2	9	MTUWTHF	201	E B	WATTS
28776	LECT-DISC	C1	10	M W F	117	E B	HAMILTON
28783	LECT-DISC	C2	10	M W F	390	L H	WATTS
28791	LECT-DISC	D	11	M W F	102	L H	CARRINGER
28801	LECT-DISC	X	12	M W F	102	L H	CARRINGER
28819	LECT-DISC	E	1	M W F	140	ADMIN	RUNYAN
28826	LECT-DISC	G	3	M W F	140	ADMIN	RUNYAN

ENGL 256 SURVEY OF AMERICAN LITERATURE, II.
*CREDIT IS NOT GIVEN FOR BOTH ENGL. 114 AND 256.
*3 HOURS.

28841	LECT-DISC	C	10	M W F	243	ARMORY	
28858	LECT-DISC	D	11	M W F	223	E B	MOAKE
28865	LECT-DISC	X	12	M W F	259	E B	STUBBS
28872	LECT-DISC	F	2	M W F	243	ARMORY	
28880	LECT-DISC	G	3-430	M W	142	ADMIN	SMITH
28897	LECT-DISC	H	4	M W F	140	ADMIN	RUNYAN

ENGL 257 SURVEY OF ENGLISH LITERATURE, I.
PREREQUISITE: SENIOR STANDING.
3 HOURS.

28908	LECT-DISC	C	10	M W F	142	ADMIN	R. CLARK
28915	LECT-DISC	X	12	M W F	223	E B	SPONGBERG
28922	LECT-DISC	F	2	M W F	117	E B	MATTHEWS

ENGL 258 SURVEY OF ENGLISH LITERATURE,II.
PREREQUISITE: SENIOR STANDING.
3 HOURS.

28930	LECT-DISC	B	9	M W F	137	ADMIN	DAVIS

NGL 272 THE BEGINNINGS OF MODERN POETRY.
3 HOURS.

28947	LECT-DISC	D	11	M	W	F	140	ADMIN		KYLE

NGL 281 DEVELOPMENT OF THE MODERN DRAMA, I.
3 HOURS.

28954	LECT-DISC	B	9	M	W	F	119	E B		STOTTLER
28961	LECT-DISC	C	10	M	W	F	137	ADMIN		STOTTLER
28979	LECT-DISC	X	12	M	W	F	137	ADMIN		RICHARD ALLEN
28986	LECT-DISC	E1	1	M	W	F	388	L H		ROBINSON
28993	LECT-DISC	F1	2	M	W	F	137	ADMIN		RICHARD ALLEN

NGL 282 DEVELOPMENT OF THE MODERN DRAMA, II.
3 HOURS.

29006	LECT-DISC	D	11	M	W	F	105	H H		VAWTER
29013	LECT-DISC	X	12	M	W	F	105	H H		VAWTER

NGL 283 ENGLISH LITERATURE IN THE TWENTIETH CENTURY, I.
3 HOURS.

29021	LECT-DISC	D	11	M	W	F	259	E B		E BRANDABUR
29038	LECT-DISC	X	12	M	W	F	196	L H		
29045	LECT-DISC	F	2	M	W	F	201	E B		NELSON
29052	LECT-DISC	G	3	M	W	F	196	L H		A. BRANDABUR

NGL 285 THE SHORT STORY, I.
PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE.
3 HOURS.

29060	LECT-DISC	B1	9	M	W	F	337	ARMORY		ANDERSEN
29077	LECT-DISC	B2	9	M	W	F	209	E B		GUIBBORY
29084	LECT-DISC	C	10	M	W	F	337	ARMORY		ANDERSEN
29091	LECT-DISC	D1	11	M	W	F	138	ADMIN		DAVIS
29102	LECT-DISC	D2	11	M	W	F	209	E B		GUIBBORY
29110	LECT-DISC	X	12	M	W	F	388	L H		A BRANDABUR
29127	LECT-DISC	F	2	M	W	F	162	L H		A. BRANDABUR
29134	LECT-DISC	V	7-830PM	TU TH			223	E B		VANWALLEGHEN

ENGL 286 THE SHORT STORY, II.
PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE.
3 HOURS.

29141	LECT-DISC	D	11	M	W	F	108	E B		ANDERSEN
29159	LECT-DISC	L	9	TU TH			108	E B		SCOUFFAS
		L	10	TU			108	E B		SCOUFFAS

ENGL 287 THE AMERICAN NOVEL. COOPER TO NORRIS.
3 HOURS.

29166	LECT-DISC	D	11	M	W	F	210B	E B		SWANSON

ENGL 288 THE TWENTIETH CENTURY AMERICAN NOVEL.
3 HOURS.

29173	LECT-DISC	B	9	M	W	F	138	ADMIN		MOAKE
29181	LECT-DISC	C	10	M	W	F	140	ADMIN		MOAKE
29198	LECT-DISC	D	11	M	W	F	162	L H		STOKES
29209	LECT-DISC	X1	12	M	W	F	201	E B		SWANSON
29216	LECT-DISC	X2	12	M	W	F	300	L H		
29223	LECT-DISC	E	1	M	W	F	138	ADMIN		KYLE
29231	LECT-DISC	F1	2	M	W	F	138	ADMIN		KYLE
29248	LECT-DISC	F2	2	M	W	F	223	E B		SWANSON
29255	LECT-DISC	G	3	M	W	F	240	L H		

ENGL 293 INDEPENDENT STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OF CREDIT.
*3 HOURS.

29262	CONF		ARR							STAFF

ENGL 295 JUNIOR HONORS SEMINAR, I.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTION M1: POETRY AND THE SELF (SHAKESPHEARE, KEATS, AND YEATS.)
*SECTION M2: SHAKESPHEARE AND THE POLITICS OF THE RENAISSANCE.
*SECTION O1: POPULAR CULTURE AND PULP LITERATURE.
*SECTION O2: AMERICAN TRANSCENDENTALISM (SATISFIES AREA I. REQUIREMENT.)

29270	LECT-DISC *&M1	10-12	TU	270	L H	WHEELER
29287	LECT-DISC *&M2	10-12	TH	259	E B	VAWTER
29294	LECT-DISC *&O1	1-3	TU	137	ADMIN	RICHARD ALLEN
29305	LECT-DISC *&O2	1-3	TH	137	ADMIN	WHISNANT

ENGL 297 SENIOR HONORS SEMINAR.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.
TOPIC SECTION G1: WILLIAM BLAKE.
TOPIC SECTION G2: CHAUCER.

29312	LECT-DISC *&G1	3-5	M	303	E B	MAJDIAK
29320	LECT-DISC *&G2	3-5	F	307	E B	TRAHERN

ENGL 298 SENIOR HONORS TUTORIAL.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.

29337	CONF	ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ENGL 303 HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE.
PREREQUISITE: ENGL. 386.
3 HOURS OR 3/4 UNIT.
LANGUAGE LABORATORY.

29344	LECT-DISC	B	9	M W F	140	ADMIN	MULLIN
29351	LECT-DISC	C	10	M W F	310	L H	MULLIN

ENGL 310 LITERATURE FOR THE HIGH SCHOOL.
3 HOURS OR 3/4 UNIT.

29369	LECT-DISC	D	11	M W F	117	E B	MATTHEWS
29376	LECT-DISC	X	12	M W F	117	E B	MATTHEWS
29383	LECT-DISC	G	3	M W F	137	ADMIN	HOETKER

ENGL 311 CHAUCER.
3 HOURS OR 3/4 UNIT.

29391	LECT-DISC	G	3	M W F	259	E B	STILLWELL
29401	LECT-DISC	N	10	TH	307	E B	WRIGHT
		N	11	TU TH	307	E B	WRIGHT

ENGL 325 ENGLISH LITERATURE FROM 1500 TO 1660.
3 HOURS OR 3/4 UNIT.

29419	LECT-DISC	C	10	M W F	205	E B	MILLIGAN

ENGL 326 SPENSER AND HIS CONTEMPORARIES.
PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE.
3 HOURS OR 3/4 UNIT.

29426	LECT-DISC	C	10	M W F	328	ARMORY	DUNDAS

ENGL 336 ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE.
3 HOURS OR 3/4 UNIT.

29433	LECT-DISC	F	2	M W F	241	ARMORY	JOAN KLEIN

ENGL 339 COMEDY.
3 HOURS OR 3/4 UNIT.

29441	LECT-DISC	G	3	M W F	201	E B	SHATTUCK

ENGL 340 SATIRE.
3 HOURS OR 3/4 UNIT.

29458	LECT-DISC	P	1	TU TH	108	E B	SANDERS
		P	2	TU	108	E B	SANDERS

ENGL 345 THE METAPHYSICAL POETS.
3 HOURS OR 3/4 UNIT.

29465	LECT-DISC	X	12	M W F	209	E B	GUIBBORY

ENGL 348 SWIFT, POPE, AND FIELDING.
PREREQUISITE: A COURSE IN ENGLISH LITERATURE.
3 HOURS OR 3/4 UNIT.

29472	LECT-DISC	B	9	M W F	108	E B	HOTCH
29480	LECT-DISC	D	11	M W F	205	E B	HOTCH

ENGL 351 THE MID-VICTORIAN NOVEL.
3 HOURS OR 3/4 UNIT.

29497	LECT-DISC	E	1	M W	240	L H	SMALLEY

ENGL 352 AMERICAN LITERATURE: IRVING TO WHITMAN.
3 HOURS OR 3/4 UNIT.

29508	LECT-DISC	P	1	TU TH	223	E B	BAYM
		P	2	TU	223	E B	BAYM

ENGL 370 THEORY AND PRACTICE OF WRITTEN COMPOSITION.
3 HOURS OR 3/4 UNIT.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

29515	LECT-DISC	B	9	M W F	210B	E B	NEMANICH
29522	LECT-DISC	C	10	M W F	210B	E B	NEMANICH
29530	LECT-DISC	D	11	M W F	143B	M E B	HOLMES
29554	LECT-DISC	*E	1	MTUWTHF	145	ARMORY	JACOBS
29547	LECT-DISC	H	4-530	M W	201	E B	O DONNELL

ENGL 371 HISTORY AND PRINCIPLES OF LITERARY AND RHETORICAL CRITICISM:
ARISTOTLE TO SIDNEY.
SAME AS SPCH. 371.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

29561	LECT-DISC	F	2	M W F	209	E B	PURAVS

ENGL 375 HENRY JAMES AND THE TECHNIQUE OF FICTION.
3 HOURS OR 3/4 UNIT.

29579	LECT-DISC	G	3	M W F	108	E B	WILSON

ENGL 378 MODERN AMERICAN AND BRITISH FICTION IN ITS EUROPEAN BACKGROUND
PREREQUISITE: TWO COLLEGE-LEVEL LITERATURE COURSES.
3 HOURS OR 3/4 UNIT.

29586	LECT-DISC	D	11	M W F	137	ADMIN	ADELMAN

ENGL 381 THEMES AND MOVEMENTS IN BRITISH LITERATURE.
PREREQUISITE: SIX HOURS OF ENGLISH OR AMERICAN LITERATURE.
3 HOURS OR 3/4 UNIT.
*TOPIC SECTION D: MYSTICAL ELEMENTS IN LITERATURE.
*TOPIC SECTION E: LITERATURE AND PSYCHOLOGY.

29593	LECT-DISC	*D	11	M W F	312	D K H	SCANLON
29604	LECT-DISC	*E	1	M W F	105	H H	WALDOFF

ENGL 385 THEMES AND MOVEMENTS IN AMERICAN LITERATURE.
3 HOURS OR 3/4 UNIT.

29611	LECT-DISC	D	11	M W F	388	L H	WHISNANT
29629	LECT-DISC	E	1	M W F	337	ARMORY	A.GREEN

ENGL 386 MODERN ENGLISH GRAMMAR AND USAGE.
3 HOURS OR 3/4 UNIT.
*SECTION B2 TOPIC: EMPHASIS ON PRACTICAL GRAMMAR AND CONCISE USAGE.
*SECTION B1, C, D, X, AND F TOPIC: TRANSFORMATIONAL GRAMMAR.

29636	LECT-DISC	A	8	M W F	108	E B	
29643	LECT-DISC	*B1	9	M W F	105	H H	BOUTON
29690	LECT-DISC	*B2	9	M W F	206	D K H	TIBBETTS
29651	LECT-DISC	*C	10	M W F	105	H H	BOUTON
29668	LECT-DISC	*D	11	M W F	142	ADMIN	CABLE
29675	LECT-DISC	*X	12	M W F	142	ADMIN	CABLE
29682	LECT-DISC	*F	2	M W F	210B	E B	NEMANICH

ENGL 394 INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS.
SAME AS SPCH. 346 AND C. LIT., GER., AND SLAV. 394.
PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE RECOMMENDED.
3 HOURS OR 3/4 UNIT.

29701	LECT-DISC	F	2	M W F	337	ARMORY	A. GREEN

COURSES FOR GRADUATES

ENGL 401 OLD ENGLISH--ANGLO SAXON.
1 UNIT.

29718	LECT-DISC	D	11	M W F	309	LIB	TRAHERN

ENGL 403 HISTORY OF THE ENGLISH LANGUAGE.
1 UNIT.

29725	LECT-DISC	B	9	M W F	142	ADMIN	CABLE

ENGL 404 OLD ENGLISH LITERATURE AND ITS CULTURAL BACKGROUND.
PREREQUISITE: ENGL. 401 AND 402.
1 UNIT.

29732	LECT-DISC	F	2-4	TU	162	L H	CAMPBELL

ENGL 407 STUDIES IN CHAUCER AND HIS TIMES, I
1 UNIT.

29740	LECT-DISC	F	2-4	W	236	L H	CAMPBELL

ENGL 411 STUDIES IN SIXTEENTH CENTURY LITERATURE, I.
1 UNIT.

29757	LECT-DISC	G	3-5	M	102D	E B	MILLIGAN

ENGL 413 STUDIES IN SHAKESPEARE.
1 UNIT.

29764	LECT-DISC	E	1-3	W	102D	E B	COLE

ENGL 414 STUDIES IN ELIZABETHAN DRAMA.
PREREQUISITE: GRADUATE STANDING.
1 UNIT.

29771	LECT-DISC	M	10	TU TH	102D	E B	HOLADAY

ENGL 417 STUDIES IN SEVENTEENTH CENTURY POETRY AND MILTON, 1600-1640.
1 UNIT.

29789	LECT-DISC	N	11	TU TH	137	ADMIN	KAUFMANN

ENGL 421 STUDIES IN EIGHTEENTH CENTURY LITERATURE, I.
1 UNIT.

29796	LECT-DISC	X	12	TU TH	119	E B	NOBLE

ENGL 427 STUDIES IN THE ROMANTIC MOVEMENT, I.
SAME AS C. LIT. 452.
1 UNIT.

29807	LECT-DISC	G	3	W F	303	E B	MAJDIAK

ENGL 428 STUDIES IN THE ROMANTIC MOVEMENT, II.
SAME AS C. LIT. 455.
1 UNIT.

29814	LECT-DISC	X	12	M W	309	LIB	WILKIE

ENGL 432 STUDIES IN VICTORIAN LITERATURE II.
1 UNIT.

29821	LECT-DISC	P	1	TU TH	240	L H	SMALLEY

ENGL 433 MAJOR MOVEMENTS IN MODERN BRITISH POETRY AND DRAMA.
1 UNIT.

29839	LECT-DISC	G	3-5	TU	137	ADMIN	E. BRANDABUR

ENGL 434 MAJOR MOVEMENTS IN MODERN BRITISH FICTION.
1 UNIT.

29846	LECT-DISC	F	2	M W	303	E B	WILSON

GL 437 STUDIES IN AMERICAN LITERATURE--1600 TO 1800.
PREREQUISITE: A SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.
1 UNIT.

29853	LECT-DISC	G	3-5	TU	223 E B	DAVIDSON

IGL 438 STUDIES IN AMERICAN LITERATURE AFTER 1800.
PREREQUISITE: SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.
1 UNIT.

29861	LECT-DISC	E	1-3	M	102D E B	HODGINS

NGL 447 BACKGROUND MATERIALS FOR HIGH SCHOOL TEACHERS OF ENGLISH.
1 UNIT.
*FOR TRIPLE T STUDENTS ONLY. OTHERS BY CONSENT OF INSTRUCTOR.

29878	LECT-DISC	E	1-3	F	102D E B	BOUTON
29885	CONF		*ARR			PURVES

NGL 464 PROBLEMS IN ELIZABETHAN DRAMA.
1 UNIT.

29892	LECT-DISC	P	3	TU TH	119 E B	HOLADAY

NGL 466 PROBLEMS IN SEVENTEENTH-CENTURY METAPHYSICAL POETRY AND PROSE.
PREREQUISITE: ENGL. 345 OR 417, OR CONSENT OF INSTRUCTOR.
1 UNIT.

29903	LECT-DISC	L	9-11	TH	137 ADMIN	KAUFMANN

NGL 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.
SAME AS SPCH. AND THEAT. 469.
PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR.
1 UNIT.

29911	LECT-DISC	E	1	M W	119 E B	SHATTUCK

ENGL 471 PROBLEMS IN EIGHTEENTH-CENTURY LITERATURE.
PREREQUISITE: ENGL. 421, 422, OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
1 UNIT.

29928	LECT-DISC	M	10-12	TU	11° E B	NOBLE

ENGL 476 PROBLEMS IN ROMANTIC LITERATURE.
SAME AS C. LIT. 453.
1 UNIT.

29935	LECT-DISC	C	10	M W	309 LIB	WILKIE

ENGL 479 PROBLEMS IN VICTORIAN LITERATURE.
PREREQUISITE: ENGL. 431 OR 432, OR CONSENT OF INSTRUCTOR
1 UNIT.

29942	LECT-DISC	B	9	M W	223 E B	BENNETT

ENGL 484 PROBLEMS IN TWENTIETH CENTURY ENGLISH LITERATURE.
PREREQUISITE: CONSENT OF INSTRUCTOR, OR A SURVEY OF ENGLISH LITERATURE.
1 UNIT.
TOPIC: T. S. ELLIOT, DYLAN THOMAS, SAMUEL BECKETT.

29950	LECT-DISC	P	2	TU TH	140 ADMIN	MARDER

ENGL 488 PROBLEMS IN AMERICAN LITERATURE AND CULTURE.
PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY REPEAT COURSE FOR CREDIT.
*1 UNIT.
SECTION E TOPIC: RECENT SOUTHERN FICTION.

29967	LECT-DISC	E	1-3	F	307 E B	HENDRICK

ENGL 491 RESEARCH IN SPECIAL TOPICS.
*THIS COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS
*1 UNIT.

29974	CONF		ARR			STAFF
29981	CONF	Y	ARR			STAFF

ENGL 492 INDIVIDUAL STUDY OF ENGLISH AND AMERICAN LITERATURE.
*MAY BE REPEATED FOR CREDIT TO A TOTAL OF 2 UNITS WHICH MAY BE TAKEN CONCURRENTLY OR IN SEQUENCE.
*1 UNIT.

29999	CONF		ARR		STAFF
30005	CONF	Y	ARR		STAFF

ENGL 493 PROFESSIONAL SEMINAR IN TEACHING LITERATURE.
1 UNIT.
*SECTION D IS FOR STUDENTS TEACHING ENGLISH 103.
*SECTION G IS FOR ASSISTANTS TEACHING ENGLISH 116.
*SECTION Y IS FOR STUDENTS TEACHING ENGLISH 101.
*SECTION X IS FOR ASSISTANTS TEACHING ENGLISH 102.

30012	LECT-DISC	*G	12	W	F	1022	F L B	HODGINS
30020	LECT-DISC	*D	11	W	F	102D	E B	SCHNEIDE
30037	LECT-DISC	*X	12	W	F	108	E B	HURT
30044	LECT-DISC	*Y	ARR					

ENGL 497 INDEPENDENT READING.
PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE.
*STUDENTS MAY ACCUMULATE 1/2 UNIT.
*1/4 UNIT.

30051	CONF		ARR
30069	CONF	A	ARR

ENGL 499 THESIS RESEARCH.
0 TO 4 UNITS.
INSTRUCTORS: ALTENBERND, ASTON, BERRY, BRANDABUR, CAMPBELL, DAVIDSON, FLANAGAN, HENDRICK, HOLADAY
U. M. KAUFMANN, KRAMER, MARDER, MILLIGAN, PURVES
SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON.

30076	CONF		ARR

ENTOMOLOGY

DEPARTMENT OFFICE 320 MOR HALL

MAJOR: THIS PROGRAM IS DESIGNED FOR STUDENTS WHO WISH TO SPECIALIZE IN ENTOMOLOGY AS PREPARATION FOR PROFESSIONAL WORK IN THIS AREA OR SUBSEQUENT GRADUATE STUDY.

STUDENTS MUST COMPLETE A MAJOR CONSISTING OF BIOLOGY 110, 111, ENTOMOLOGY 301, 302 (SUMMER), AND AN ADDITIONAL ELEVEN HOURS OF COURSES AT THE 200 OR 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISOR. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, A COURSE IN STATISTICS, AND MATHEMATICS THROUGH MATHEMATICS 120 OR EQUIVALENT. IN ADDITION, EACH STUDENT IS STRONGLY ENCOURAGED TO CARRY ON A PROGRAM OF RESEARCH WITH A MEMBER OF THE DEPARTMENT OR AN ENTOMOLOGIST AT THE STATE NATURAL HISTORY SURVEY.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: AGRONOMY, BOTANY, CHEMISTRY, HORTICULTURE, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, AND ZOOLOGY.

COURSES FOR UNDERGRADUATES

ENTOM 101 AGRICULTURAL ENTOMOLOGY.
3 HOURS.

30083	LECT		10	M	W	202	H H	WALDBAUER
30091	LAB	A	10-12		F	309	H H	WALDBAUER
30101	LAB	B	2-4		F	309	H H	WALDBAUER

TOM 103 LIFE OF INSECTS.
4 HOURS.

30119	LECT	1	1	TU TH	124	BUR HALL	MACLEOD
30126	LECT	2	11	TU TH	151	E E B	
30133	LAB	A	8-10	M W	309	H H	MACLEOD
30141	LAB	B	10-12	M W	309	H H	MACLEOD
30158	LAB	C	12-2	M W	309	H H	MACLEOD
30165	LAB	D	2-4	M W	309	H H	MACLEOD
30172	LAB	E	4-6	M W	309	H H	MACLEOD
30180	LAB	F	8-10	TU TH	309	H H	MACLEOD
30197	LAB	G	12-2	TU TH	309	H H	MACLEOD
30208	LAB	H	2-4	TU TH	309	H H	MACLEOD
30215	LAB	I	4-6	TU TH	309	H H	MACLEOD
30222	LAB	J	10-12	TU TH	309	H H	MACLEOD

TOM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

30230	CONF	ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

TOM 306 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 5 HOURS, OR 1/4 TO 1 UNIT.

30247	CONF	ARR	STAFF

TOM 319 FUNDAMENTALS OF INSECT CONTROL.
PREREQUISITE: BIOL. 111 AND CHEM. 101, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

30254	LECT	1	M W	204	H H	BOOTH AND
	LAB	2-4	M W	103	H H	METCALF

TOM 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES.
SAME AS HORT. 361 AND ZOOL. 361.
PREREQUISITE: ONE SEMESTER OF ENTOM. OR ZOOL.
2 HOURS OR 1/2 UNIT.

30261	LECT-DISC	1	TU TH	W115	T H	JAYCOX

COURSES FOR GRADUATES

TOM 410 INSECT MORPHOLOGY.
PREREQUISITE: BIOL. 111 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
1 UNIT.

30279	LECT	9	M W F	408	N H B	LARSEN AND
	LAB	10-12	M W	405	N H B	STERNBURG

TOM 413 MEDICAL AND VETERINARY ENTOMOLOGY.
PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF INSTRUCTOR.
1 UNIT.

30286	LECT	1	TU TH	407	MOR HALL	HORSFALL
	LAB	2-4	TU TH	407	MOR HALL	HORSFALL

TOM 424 ADVANCED INSECT PHYSIOLOGY.
PREREQUISITE: ENTOM. 422, CHEM. 350, AND CONSENT OF INSTRUCTOR.
1 UNIT.

30293	LECT	10	M W	136	BUR HALL	FRIEDMAN AND
	LAB	ARR		405	N H B	LARSEN

TOM 426 SEMINAR IN ENTOMOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.
*0 OR 1/4 UNIT.

30304	LECT	ARR	STAFF

ENTOM 499 THESIS--RESEARCH.
0 TO 4 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:

A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS	LARSEN, MACLEOD, STERNBURG
B--APPLIED AND MEDICAL ENTOMOLOGY	HORSFALL, KEARNS, LUCKMANN METCALF
C--SYSTEMATIC ENTOMOLOGY	MACLEOD, SELANDER, STANNARD
D--BIOLOGY AND ECOLOGY OF INSECTS	GHENT, HORSFALL, JAYCOX PRICE, WALDBAUER
E--INSECT PHYSIOLOGY & TOXICOLOGY	FRAENKEL, FRIEDMAN, KEARNS, LARSEN, METCALF, STERNBURG, WALDBAUER, WILLIS

30311 CONF ARR

FINANCE

DEPARTMENT OFFICE 340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS
MAJOR: TWENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES ECONOMICS AS A MINOR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103, ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108, OR ECON. 102 AND 103, IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO ELECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

COURSES FOR UNDERGRADUATES

FIN 150 MONEY, CREDIT, AND BANKING.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

30329	LECT-DISC	B	9	M	W	F	123	D K H		
30336	LECT-DISC	C	10	M	W	F	123	D K H		
30343	LECT-DISC	D	11	M	W	F	209	D K H		
30351	LECT-DISC	E	1	M	W	F	123	D K H		
30368	LECT-DISC	F	2	M	W	F	123	D K H		

COURSES FOR ADVANCED UNDERGRADUATES

FIN 254 AN INTRODUCTION TO BUSINESS FINANCIAL MANAGEMENT.
PREREQUISITE: ACCY. 105 OR 201, FIN. 150,
CREDIT OR REGISTRATION IN ECON. 172.
*CREDIT IS NOT GIVEN FOR BOTH FIN. 254 AND FIN. 257.
*3 HOURS.

30375	LECT-DISC	A1	8	M	W	F	123	D K H		
30382	LECT-DISC	A2	8	M	W	F	317	D K H		
30390	LECT-DISC	B1	9	M	W	F	219	D K H		
30401	LECT-DISC	B2	9	M	W	F	28	COM W		
30418	LECT-DISC	X1	12	M	W	F	317	D K H		
30425	LECT-DISC	X2	12	M	W	F	219	D K H		
30432	LECT-DISC	E1	1	M	W	F	219	D K H		
30440	LECT-DISC	E2	1	M	W	F	317	D K H		
30521	LECT-DISC	&G1	3	M	W	F	28	COM W		LEONARD
30457	LECT-DISC	G2	3	M	W	F	123	D K H		
30464	LECT-DISC	L	8-10	TU			123	D K H		
		L	8		TH		123	D K H		

FIN 254 CONTINUED

30471	LECT-DISC	M1	10	TU		123	D K H	
		M1	9-11		TH	123	D K H	
30489	LECT-DISC	M2	10	TU		219	D K H	
		M2	9-11		TH	219	D K H	
30496	LECT-DISC	P	11-1	TU		123	D K H	
		P	11		TH	123	D K H	
30507	LECT-DISC	R1	1-3	TU		123	D K H	
		R1	1		TH	123	D K H	
30514	LECT-DISC	R2	1-3	TU		219	D K H	
		R2	1		TH	219	D K H	

FIN 255 FINANCING CORPORATE CONSOLIDATION AND REORGANIZATION.
PREREQUISITE: FIN. 254.
3 HOURS.

30539	LECT-DISC	C	10	M W F		219	D K H	

FIN 257 CORPORATION FINANCE.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: ECON. 103 OR 108.
CREDIT IS NOT GIVEN FOR BOTH FIN. 257 AND FIN. 254.
3 HOURS.

30546	LECT-DISC	A	8	M W F		219	D K H	OSBORN

FIN 258 THE MONEY MARKET AND AMERICAN FINANCIAL INSTITUTIONS.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

30553	LECT-DISC	B	9	M W F		317	D K H	
30561	LECT-DISC	C	10	M W F		317	D K H	
30578	LECT-DISC	D	11	M W F		219	D K H	
30585	LECT-DISC	F	2	M W F		219	D K H	

FIN 259 INVESTMENT.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

30592	LECT-DISC	C	10	M W F		28	COM W	
30603	LECT-DISC	D1	11	M W F		317	D K H	
30611	LECT-DISC	D2	11	M W F		28	COM W	
30628	LECT-DISC	E	1	M W F		28	COM W	
30635	LECT-DISC	G	3	M W F		219	D K H	

FIN 260 ECONOMICS OF INSURANCE.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

30642	LECT-DISC	A	8	M W F		28	COM W	
30650	LECT-DISC	B	9	M W F		21	D K H	CAMMACK
30667	LECT-DISC	C	10	M W F		226	COM W	CAMMACK
30674	LECT-DISC	D	11	M W F		154	ARMORY	

FIN 262 LIFE INSURANCE.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

30681	LECT-DISC	M	9-11	TU		125	D K H	
		M	9		TH	125	D K H	

FIN 294 SENIOR RESEARCH.
PREREQUISITE: SENIOR STANDING.
2 TO 4 HOURS.

30699	LECT-DISC	UTU	4-6	TU		317	D K H	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

FIN 350 CAPITAL INVESTMENT MANAGEMENT.
PREREQUISITE: FIN. 254.
3 HOURS, OR 1/2 TO 1 UNIT.

30700	LECT-DISC	R	130-3	TU TH		130	COM W	GENTRY

FIN 360 EMPLOYEE BENEFIT PLANS.
SAME AS L.I.R. 360.
PREREQUISITE: FIN. 260, ECON. 240, OR I. ADM. 351; OR
CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

30717	LECT-DISC	N	10-12	TU		28	COM W	
		N	11		TH	28	COM W	

FIN 364 FUNDAMENTALS OF REAL ESTATE AND URBAN ECONOMICS.
PREREQUISITE: SIX HOURS OF ECONOMICS AND A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

30724	LECT-DISC	A	8	M W F	226	COM W		GUNTERMANN
30731	LECT-DISC	F	2	M W F	28	COM W		GUNTERMANN

FIN 365 URBAN LAND INVESTMENT ANALYSIS.
PREREQUISITE: FIN. 364 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

30749	LECT-DISC	D	11	M W F	123	D K H		COOPER

FIN 370 RISKS AND RISK MANAGEMENT.
PREREQUISITE: ONE OF THE FOLLOWING: ACCY. 105 OR 201; ECON. 103 OR 108; FIN. 254 OR 257.
3 HOURS, OR 1/2 TO 1 UNIT.

30756	LECT-DISC	E	1	M W F	36	COM W		FORBES

COURSES FOR GRADUATES

FIN 420 CENTRAL BANKING POLICY.
1 UNIT.

30763	LECT-DISC	STH	2-4	TH	317	D K H		ARLT

FIN 427 COMMERCIAL BANK MANAGEMENT.
PREREQUISITE: FIN. 150.
1 UNIT.

30771	LECT-DISC	STJ	2-4	TU	317	D K H		BRYAN

FIN 450 THEORY OF FINANCIAL MANAGEMENT.
PREREQUISITE: FIN. 254, OR THE EQUIVALENT; MATH. 132, OR THE EQUIVALENT; ECON. 470, OR THE EQUIVALENT.
1 UNIT.

30788	LECT-DISC	FW	2-4	W	317	D K H		LINKE

FIN 454 CORPORATION FINANCE.
PREREQUISITE: FIN. 254.
1 UNIT.

30795	LECT-DISC	FF	2-4	F	317	D K H		VAN ARSDELL

FIN 456 INVESTMENT.
1 UNIT.

30806	LECT-DISC	NTU	10-12	TU	317	D K H		MAYER

FIN 468 STUDIES IN URBAN ECONOMICS: ENVIRONMENT AND LAND USE.
1 UNIT.

30813	LECT-DISC	GM	3-5	M	317	D K H		COOPER

FIN 470 RISK MANAGEMENT AND CONTROL.
SAME AS B. ADM. 555.
PREREQUISITE: B. ADM. 552 AND 560, THEIR EQUIVALENTS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

30821	LECT-DISC	GW	3-5	W	24	COM W		MEHR

FIN 490 INDIVIDUAL STUDY AND RESEARCH.
1/2 TO 1 UNIT.

30838	CONF		ARR					

FIN 499 THESIS RESEARCH.
0 TO 4 UNITS.

30845	LECT-DISC	HW	4-6	W	317	D K H		MAYER
30852	LECT-DISC	UTH	4-6	TH	317	D K H		MAYER

FOOD SCIENCE

DEPARTMENT OFFICE 567 BEVIER HALL

COURSES FOR UNDERGRADUATES

F S 101 FOOD IN MODERN SOCIETY.
3 HOURS.

30860	LECT-DISC	9	M W F	203 D M B		STEINBERG AND TUCKEY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

F S 300 SPECIAL PROBLEMS.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION.
*MAXIMUM OF 2 UNITS ALLOWABLE CREDIT.
*1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS.
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

30877	CONF	A	ARR		STAFF
30884	CONF	&B	ARR		STAFF

F S 301 FOOD PROCESSING.
PREREQUISITE: F. S. 202, 213, 260 OR CONSENT OF INSTRUCTOR.
FIELD TRIPS.
5 HOURS OR 1 1/4 UNITS.

30891	LECT	11	TU	316N M H	NELSON, WEI
		1	TU TH	S WING H F L	
	LAB	2-5	TU TH	S WING H F L	

F S 313 FOOD ANALYSIS, II.
PREREQUISITE: CHEM. 122 OR F. S. 213 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

30902	LECT	1	M W	203 D M B	PERKINS
	LAB	2-5	M W	208 D M B	

F S 314 FOOD CHEMISTRY, I.
PREREQUISITE: CHEM. 131 AND 134.
*CREDIT WILL NOT BE GIVEN FOR BOTH F. S. 214 AND 314.
*3 HOURS OR 3/4 UNIT.

30910	LECT-DISC	10	M W F	203 D M B	WHITNEY

F S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

30927	LAB-DISC	1	1-3	TU	W223 TH	SEIF
	LECT		9	TU TH	120 ARCH	
30934	LAB-DISC	2	3-5	TU	W223 TH	
	LECT		9	TU TH	120 ARCH	
30941	LAB-DISC	3	1-3	W	W223 TH	
	LECT		9	TU TH	120 ARCH	
30959	LAB-DISC	4	3-5	W	W223 TH	
	LECT		9	TU TH	120 ARCH	

F S 373 ADVANCED FOOD MICROBIOLOGY.
PREREQUISITE: MCBIO. 311 AND 312 AND CHEM. 133.
5 HOURS OR 1 1/4 UNITS.

30966	LECT	1	M W F	320 M H	WITTER
	LAB	2-5	M F	558 BEV HALL	

COURSES FOR GRADUATES

F S 406 STATE AND METABOLISM OF LIPIDS.
PREREQUISITE: CHEM. 350 OR CONSENT OF INSTRUCTOR.
1 UNIT.

30973	LECT	4	M W F	351 E R L	NISHIDA

F S 421 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS IN FOOD SCIENCE.
1/4 UNIT.

30981	LECT-DISC	11	TH	N107	T H	STAFF

F S 499 THESIS RESEARCH.
0 TO 4 UNITS.

30998	CONF	ARR				STAFF

FORESTRY

DEPARTMENT OFFICE 219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED TO MOST OF THESE COURSES, HOWEVER, IF THEY HAVE THE PREREQUISITES OR THE CONSENT OF THE INSTRUCTOR.

COURSES FOR UNDERGRADUATES

FOR 100 FARM FORESTRY.
PREREQUISITE: ENROLLMENT IN COLLEGE OF AGRICULTURE, COLLEGE OF EDUCATION, OR CONSENT OF INSTRUCTOR.
3 HOURS.

31001	LECT-DISC	1	TU TH	205	F S L	CURTIN
	LAB-DISC	2-5	TU	205	F S L	

FOR 101 GENERAL FORESTRY.
PREREQUISITE: ENROLLMENT IN A FORESTRY CURRICULUM OR SOPHOMORE STANDING.
3 HOURS.

31018	LECT-DISC	11	M W F	W109	T H	YOUNG & S

FOR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

31025	CONF	ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

FOR 200 SPECIAL PROBLEMS.
PREREQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75; SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
1 TO 3 HOURS.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

31032	CONF	A	ARR			STAFF
31040	CONF	*&B	ARR			

FOR 213 SILVICULTURE.
PREREQUISITE: FOR. 211.
3 HOURS.

31057	LECT-DISC	10	M W F	205	F S L	LORENZ

FOR 220 DENDROLOGY.
PREREQUISITE: BOT. 100.
4 HOURS.

31064	LECT-DISC	11	TU TH	W109	T H	LORENZ
31071	LAB-DISC	A 1-5	M	205	F S L	
31089	LAB-DISC	B 1-5	TU	100	F S L	

234 WOOD SEASONING.
PREREQUISITE: FOR. 271 OR CONSENT OF INSTRUCTOR.
2 HOURS.

31096	LECT-DISC	10	TU TH	100	F S L	CHOW

253 FOREST ECONOMICS.
PREREQUISITE: ECON. 108.
3 HOURS.

31107	LECT-DISC	11	M W F	205	F S L	HOLLAND

260 FOREST LAND POLICY AND ADMINISTRATION.
PREREQUISITE: ECON. 108 OR CONSENT OF INSTRUCTOR.
3 HOURS.

31114	LECT-DISC	9	M W F	205	F S L	HOLLAND

272 PHYSICAL AND MECHANICAL PROPERTIES OF WOOD.
PREREQUISITE: FOR. 271, T.A.M. 171 AND 172, OR CONSENT OF INSTRUCTOR.
3 HOURS.

31121	LECT-DISC	8	TU TH	100	F S L	CHOW
	LAB-DISC	1-4	TH	100	F S L	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

316 ENVIRONMENT AND TREE GROWTH.
PREREQUISITE: FOR. 211 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

31139	LECT-DISC	8	M W	W115	T H	FISHER
	LAB-DISC	8	TU TH	N107	T H	

319 ENVIRONMENT AND PLANT ECOSYSTEMS.
SAME AS AGRON. 319.
PREREQUISITE: ONE COURSE IN BIOLOGY AND ONE COURSE IN ORGANIC CHEMISTRY OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
*FOR GRADUATE STUDENTS ONLY.

31146	DISC	1	2	M	W115	T H	FISHER, KOEPPE
	LECT		1	M W F	W109	T H	
31153	DISC	2	2	W	W121	T H	
	LECT		1	M W F	W109	T H	
31161	DISC	3	*2	F	W115	T H	
	LECT		*1	M W F	W109	T H	

340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

31178	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	120	ARCH	
31185	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	120	ARCH	
31192	LAB-DISC	3	1-3	W	W223	T H	
	LECT		9	TU TH	120	ARCH	
31203	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	120	ARCH	

362 FOREST ENTOMOLOGY.
PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE AND ONE YEAR OF CHEMISTRY.
3 HOURS OR 3/4 UNIT.

31211	LECT	11	TU TH	205	F S L	FENNELS
	LAB	3-5	TH	W223	T H	

COURSES FOR GRADUATES

400 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS IN FORESTRY.
*STUDENTS MAY ACCUMULATE 1/2 UNIT.
*1/4 UNIT.

31228	DISC	12	TH	205	F S L	FISHER

FOR 401 SPECIAL PROBLEMS.
*NOT MORE THAN TWO UNITS MAY BE OFFERED TOWARD AN M. S. DEGREE.
*1/2 TO 1 UNIT.
31235 CONF ARR STAFF

FOR 414 DISCUSSIONS IN FOREST ECOLOGY AND PHYSIOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*TOTAL CREDIT LIMITED TO ONE UNIT.
*1/4 UNIT.
31242 CONF ARR STAFF

FOR 460 DISCUSSIONS IN FOREST POLICY AND ADMINISTRATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*TOTAL CREDIT LIMITED TO 1 UNIT.
*1/4 UNIT.
31250 CONF ARR HOLLAND

FOR 499 THESIS RESEARCH.
1 TO 3 UNITS.
31267 CONF ARR STAFF

FRENCH

DEPARTMENT OFFICE 244 L H

MAJOR: TWO TYPES OF MAJOR PROGRAMS ARE OFFERED: THE MAJOR IN FRENCH LITERATURE AND THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS. BOTH MAJORS PROVIDE SUITABLE PREPARATION FOR GRADUATE STUDY IN THE APPROPRIATE AREAS. (THE MAJOR IN FRENCH LITERATURE PROVIDES PREPARATION FOR GRADUATE WORK IN FRENCH. THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS PREPARES FOR GRADUATE WORK IN LINGUISTICS (SEE LINGUISTICS IN GRADUATE COLLEGE BULLETIN), AND PROVIDES PREPARATION FOR GRADUATE WORK IN THE DEPARTMENT OF FRENCH WITH THE ADDITION OF APPROPRIATE COURSES IN FRENCH LITERATURE TO BE DETERMINED BY THE ADVISOR.)

THE MAJOR IN FRENCH LITERATURE MUST COMPLETE FRENCH 201-202 AND SIX SEMESTER COURSES IN FRENCH LITERATURE AT THE 200-LEVEL AND ABOVE, EXCLUDING FRENCH 255-256, WITH THE PROVISION THAT NO MORE THAN TWO COURSES MAY BE CHOSEN FROM THE GROUP 207-208-209. STUDENTS ARE STRONGLY ADVISED TO TAKE A YEARS WORK IN EUROPEAN HISTORY AND A YEARS WORK IN ENGLISH LITERATURE.

THE MAJOR IN FRENCH LANGUAGE AND LINGUISTICS MUST COMPLETE FRENCH 211-212 AND 20 HOURS OF COURSES AT THE 200-LEVEL AND ABOVE, INCLUDING FRENCH 201-202 AND FRENCH 311, 313, 314, AND 316. A MINOR, MINIMUM 8 HOURS, IS STRONGLY RECOMMENDED IN LINGUISTICS OR IN A SECOND FOREIGN LANGUAGE, SUBJECT TO THE PROVISIONS LISTED BELOW UNDER THE MINOR REQUIREMENTS. STUDENTS ARE STRONGLY ADVISED TO TAKE LINGUISTICS 300, INTRODUCTION TO LINGUISTICS.

STUDENTS WHO INTEND TO TEACH FRENCH IN SECONDARY SCHOOLS ARE REFERRED TO THE STATEMENT OF REQUIREMENTS UNDER TEACHER EDUCATION CURRICULA IN THE BULLETIN ON UNDERGRADUATE STUDY.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101.
ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH TWO SEMESTERS, IN FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOL FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF FRENCH.

COURSES FOR UNDERGRADUATES

FR 101 ELEMENTARY COURSE, I.
FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102.
4 HOURS.
ALL STUDENTS IN THIS COURSE EXCEPT FOR THOSE IN SECTION PE1 MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE A3 TO A22 SECTIONS.

31274	LECT-DISC	A1	8	MTU THF	G 32	F	L	B	
31281	LECT-DISC	A2	8	MTU THF	G 30	F	L	B	
31299	LECT-DISC	B1	9	MTU THF	G 32	F	L	B	
31300	LECT-DISC	B2	9	MTU THF	303	N	L		
31317	LECT-DISC	C1	10	MTU THF	G 32	F	L	B	
31324	LECT-DISC	C2	10	MTU THF	301	N	L		
31331	LECT-DISC	C3	10	MTU THF	309A	H	H		
31349	LECT-DISC	D1	11	MTU THF	G 32	F	L	B	
31356	LECT-DISC	D2	11	MTU THF	301	N	L		
31363	LECT-DISC	D3	11	MTU THF	309A	H	H		
31648	LECT-DISC	PE1	1	MTU THF	G 27	F	L	B	PLATO
	LAB	PE1	3	TU TH	257	E	R	L	
		PE1	10	S	257	E	R	L	
31371	LECT-DISC	E2	1	MTU THF	301	N	L		
31388	LECT-DISC	F1	2	MTU THF	303	N	L		
31395	LECT-DISC	F2	2	MTU THF	301	N	L		
31406	LECT-DISC	G1	3	MTU THF	G 30	F	L	B	
31413	LECT-DISC	G2	3	MTU THF	301	N	L		
31421	LECT-DISC	X1	12	MTU THF	G 32	F	L	B	
31438	LECT-DISC	X2	12	MTU THF	G 30	F	L	B	
31445	LAB	A3	8-830	TU F	202	L	H		
31452	LAB	A4	830-9	TU F	202	L	H		
31460	LAB	A5	9-930	TU F	202	L	H		
31477	LAB	A6	930-10	TU F	202	L	H		
31484	LAB	A7	10-1030	TU F	202	L	H		
31491	LAB	A8	1030-11	TU F	202	L	H		
31502	LAB	A9	11-1130	TU F	202	L	H		
31510	LAB	A10	1130-12	TU F	202	L	H		
31527	LAB	A11	12-1230	TU F	202	L	H		
31534	LAB	A12	1230-1	TU F	202	L	H		
31541	LAB	A13	1-130	TU F	202	L	H		
31559	LAB	A14	130-2	TU F	202	L	H		
31566	LAB	A15	2-230	TU F	202	L	H		
31573	LAB	A16	230-3	TU F	202	L	H		
31581	LAB	A17	3-330	TU F	202	L	H		
31598	LAB	A18	330-4	TU F	202	L	H		
31609	LAB	A19	4-430	TU F	202	L	H		
31616	LAB	A20	430-5	TU F	202	L	H		
31623	LAB	A21	5-530	TU F	202	L	H		
31631	LAB	A22	530-6	TU F	202	L	H		

FR 102 ELEMENTARY COURSE, II.
PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE B3 TO B22 SECTIONS.

31655	LECT-DISC	A	8	MTU THF	G 24	F	L	B
31662	LECT-DISC	B1	9	MTU THF	362	ARMORY		
31670	LECT-DISC	B2	9	MTU THF	262	L	H	
31687	LECT-DISC	C1	10	MTU THF	362	ARMORY		
31694	LECT-DISC	C2	10	MTU THF	204N	H	H	
31705	LECT-DISC	D1	11	MTU THF	362	ARMORY		
31712	LECT-DISC	D2	11	MTU THF	204N	H	H	
31720	LECT-DISC	E	1	MTU THF	362	ARMORY		

FR 102 CONTINUED

31737	LECT-DISC	F1	2	MTU THF	362	ARMORY
31744	LECT-DISC	F2	2	MTU THF	G 20	F L B
31751	LECT-DISC	G	3	MTU THF	362	ARMORY
31769	LECT-DISC	X	12	MTU THF	362	ARMORY
31776	LAB	B3	8-830	TU F	202	L H
31783	LAB	B4	830-9	TU F	202	L H
31791	LAB	B5	9-930	TU F	202	L H
31801	LAB	B6	930-10	TU F	202	L H
31819	LAB	B7	10-1030	TU F	202	L H
31826	LAB	B8	1030-11	TU F	202	L H
31833	LAB	B9	11-1130	TU F	202	L H
31841	LAB	B10	1130-12	TU F	202	L H
31858	LAB	B11	12-1230	TU F	202	L H
31865	LAB	B12	1230-1	TU F	202	L H
31872	LAB	B13	1-130	TU F	202	L H
31880	LAB	B14	130-2	TU F	202	L H
31897	LAB	B15	2-230	TU F	202	L H
31908	LAB	B16	230-3	TU F	202	L H
31915	LAB	B17	3-330	TU F	202	L H
31922	LAB	B18	330-4	TU F	202	L H
31930	LAB	B19	4-430	TU F	202	L H
31947	LAB	B20	430-5	TU F	202	L H
31954	LAB	B21	5-530	TU F	202	L H
31961	LAB	B22	530-6	TU F	202	L H

FR 103 MODERN FRENCH, I.

PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.
PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.

31979	LECT-DISC	A1	8	MTU THF	212	D K H
31986	LECT-DISC	A2	8	MTU THF	G 20	F L B
31993	LECT-DISC	A3	8	MTU THF	204N	H H
32006	LECT-DISC	B1	9	MTU THF	212	D K H
32013	LECT-DISC	B2	9	MTU THF	224	D K H
32021	LECT-DISC	B3	9	MTU THF	204N	H H
32038	LECT-DISC	C1	10	MTU THF	212	D K H
32045	LECT-DISC	C2	10	MTU THF	370	L H
32052	LECT-DISC	D1	11	MTU THF	212	D K H
32060	LECT-DISC	D2	11	MTU THF	370	L H
32077	LECT-DISC	E1	1	MTU THF	212	D K H
32084	LECT-DISC	E2	1	MTU THF	370	L H
32091	LECT-DISC	F1	2	MTU THF	212	D K H
32102	LECT-DISC	G1	3	MTU THF	212	D K H
32110	LECT-DISC	G2	3	MTU THF	370	L H
32127	LECT-DISC	X1	12	MTU THF	212	D K H
32134	LECT-DISC	X2	12	MTU THF	370	L H
32141	LECT-DISC	X3	12	MTU THF	204N	H H

FR 104 MODERN FRENCH, II.

PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.
PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.
*STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE FOLLOWING IN MIND: SECTION A1 EMPHASIZES THE NATURAL SCIENCES; SECTIONS C2 AND F2 EMPHASIZE FRENCH CIVILIZATION; SECTIONS G AND X2 EMPHASIZE THE SOCIAL SCIENCES.

32255	LECT-DISC	*A1	8	MTU THF	302	L H
32159	LECT-DISC	A2	8	MTU THF	262	L H
32166	LECT-DISC	B	9	MTU THF	302	L H
32173	LECT-DISC	C1	10	MTU THF	302	L H
32262	LECT-DISC	*C2	10	MTU THF	262	L H
32181	LECT-DISC	D1	11	MTU THF	302	L H
32198	LECT-DISC	D2	11	MTU THF	262	L H
32209	LECT-DISC	E1	1	MTU THF	302	L H
32216	LECT-DISC	E2	1	MTU THF	262	L H
32223	LECT-DISC	F1	2	MTU THF	302	L H
32270	LECT-DISC	*F2	2	MTU THF	262	L H
32287	LECT-DISC	*G	3	MTU THF	302	L H
32231	LECT-DISC	H	4	MTU THF	302	L H
32248	LECT-DISC	X1	12	MTU THF	302	L H
32294	LECT-DISC	*X2	12	MTU THF	262	L H

FR 105 INTENSIVE ELEMENTARY FRENCH.

8 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HOURS PER WEEK OF LANGUAGE LABORATORY TO BE ARRANGED THROUGH THE INSTRUCTOR.

32305	LECT-DISC	8-10	MTU THF	301	N L

FR 107 READINGS IN FRENCH.
PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.
3 HOURS.

32312	LECT-DISC	9	M W F	1032	F	L	B

FR 111 CONVERSATIONAL FRENCH.
PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.
4 HOURS.

32320	LECT-DISC	8	MTU THF	216	L	H	

FR 113 CONVERSATIONAL PRACTICE.
PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH, CONCURRENT REGISTRATION IN FR. 103 OR 104.
1 HOUR.
ALL STUDENTS IN THIS COURSE MUST ARRANGE FOR TWO HALF-HOUR LANGUAGE LABORATORY PERIODS.

32337	LECT-DISC	3	TU TH	1040	F	L	B

FR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A IS FOR INDEPENDENT STUDY. REQUIRES PERMISSION OF FRENCH DEPARTMENT.
SECTION F IS FOR THOSE RESIDING IN FRENCH HOUSE. 1 HOUR CREDIT.
SECTION M IS FOR THOSE ENROLLED IN FRENCH 282. 1 HOUR CREDIT.
SECTION P IS FOR THOSE ENROLLED IN FRENCH TEACHER EDUCATION WITH PERMISSION OF ADVISOR. 1 HOUR CREDIT.
SECTION C IS FOR FRENCH AND COMPARATIVE CINEMA, I. 4 HOURS.
SECTION L IS FOR CONVERSATION DIRIGEE. 2 HOURS. FRENCH 217 OR EQUIVALENT REQUIRED. DOES NOT MEET WHEN TEACHER-TRAINING MAJORS ARE OFF CAMPUS.
TOPIC SECTIONS W, X, Y, AND Z: INTENSIVE FRENCH FOR ARCHITECTS. PERMISSION OF ARCHITECTURE ADVISOR REQUIRED. 5 HOURS.

32383	CONF	*A	ARR				
32391	CONF	*C	3-5	MTUWTHF	303	N	L
32419	CONF	F	ARR				
32401	CONF	*L	ARR				
32426	CONF	M	ARR				
32433	CONF	P	ARR				
32344	CONF	W	3-5	MTU THF	1024	F L	B
		W	3-5	W	192	L	H
32351	CONF	X	3-5	MTU THF	396	L	H
		X	3-5	W	192	L	H
32369	CONF	Y	3-5	MTU THF	4	G	H
		Y	3-5	W	192	L	H
32376	CONF	Z	3-5	MTU THF	9	G	H
		Z	3-5	W	192	L	H

COURSES FOR ADVANCED UNDERGRADUATES

FR 201 INTRODUCTION TO FRENCH LITERATURE, I.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.
*ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.

32441	LECT-DISC	B1	9	M W F	G 30	F L	B
32458	LECT-DISC	B2	9	M W F	G 24	F L	B
32465	LECT-DISC	C	10	M W F	G 24	F L	B
32472	LECT-DISC	D	11	M W F	G 24	F L	B
32497	LECT-DISC	*&E	1	M W F	8	C A	
32480	LECT-DISC	F	2	M W F	G 24	F L	B

FR 202 INTRODUCTION TO FRENCH LITERATURE, II.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.
*ENROLLMENT IN &F IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.

32508	LECT-DISC	D	11	M W F	G 30	F L	B
32515	LECT-DISC	E	1	M W F	G 30	F L	B
32522	LECT-DISC	*&F	2	M W F	336	G H	

FR 203 SELECTIONS IN CONTEMPORARY FRENCH LITERATURE.
PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
2 HOURS.
*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.

32530	LECT-DISC		*10	M W F	G 30	F L B	VIENS

FR 209 STUDIES IN FRENCH POETRY.
PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
3 HOURS.

32547	LECT-DISC		1	TU TH	1024	F L B	LEROUX

FR 211 ORAL FRENCH, I
PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.
PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL.

32554	LECT-DISC	A1	8	MTU THF	1024	F L B	
32561	LECT-DISC	A2	8	MTU THF	236	L H	
32579	LECT-DISC	B1	9	MTU THF	236	L H	
32586	LECT-DISC	B2	9	MTU THF	G 20	F L B	
32593	LECT-DISC	C1	10	MTU THF	236	L H	
32604	LECT-DISC	C2	10	MTU THF	325	G H	
32611	LECT-DISC	D	11	MTU THF	236	L H	
32629	LECT-DISC	F	2	MTU THF	216	L H	
32636	LECT-DISC	G	3	MTU THF	236	L H	
32643	LECT-DISC	X1	12	MTU THF	236	L H	
32651	LECT-DISC	X2	12	MTU THF	216	L H	

FR 212 ORAL FRENCH, II.
PREREQUISITE: FR. 211.
3 HOURS.

32668	LECT-DISC	B1	9	MTU THF	325	G H	
32675	LECT-DISC	D	11	MTU THF	325	G H	
32682	LECT-DISC	E	1	MTU THF	325	G H	
32690	LECT-DISC	F	2	MTU THF	325	G H	
32701	LECT-DISC	X	12	MTU THF	325	G H	

FR 213 COMPOSITION, I.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
2 HOURS.

32718	LECT-DISC	A	8	TU TH	1032	F L B	
32725	LECT-DISC	B	9	TU TH	G 24	F L B	
32732	LECT-DISC	C	10	TU TH	G 24	F L B	
32740	LECT-DISC	E	1	TU TH	1040	F L B	
32757	LECT-DISC	F	2	TU TH	309A	H H	

FR 214 COMPOSITION, II.
PREREQUISITE: FR. 213.
2 HOURS.

32764	LECT-DISC	B	9	TU TH	390	L H	
32771	LECT-DISC	C	10	TU TH	390	L H	
32789	LECT-DISC	G	3	TU TH	390	L H	

FR 215 INTENSIVE COMPOSITION.
PREREQUISITE: FR. 104 OR 106, OR FOUR YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.

32796	LECT-DISC		2	MTU THF	1024	F L B	

FR 217 ADVANCED ORAL FRENCH.
PREREQUISITE: FR. 212.
4 HOURS.

32807	LECT-DISC	A	8-10	MTU THF	1040	F L B	
32814	LECT-DISC	C	10-12	MTU THF	1040	F L B	
32821	LECT-DISC	E	1-3	MTU THF	236	LH	

FR 223 FRENCH LITERATURE OF THE SEVENTEENTH CENTURY, I.
3 HOURS.

32839	LECT-DISC		10	TU TH	G 30	F L B	G. SAVIGNON

FR 227 FRENCH LITERATURE OF THE EIGHTEENTH CENTURY, I.
3 HOURS.

32846	LECT-DISC		11	TU TH	1032	F L B	G. LAPREVOTI

R 233 FRENCH LITERATURE OF THE CONTEMPORARY PERIOD, I.
3 HOURS.

32853	LECT-DISC		2	M	TH	194	L H	VARKONYI

R 255 INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, I.
SAME AS HUMAN. 255.
NOT OPEN TO STUDENTS MAJORING IN FRENCH.
4 HOURS.

32861	LECT-DISC		1	M W F		G 32	F L B	B. BOWEN

R 282 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN FRENCH.
PREREQUISITE: FR. 201 AND 202, OR 211 AND 212.
2 HOURS.
DOES NOT MEET DURING THE PERIOD TEACHER-TRAINING MAJORS
ARE OFF CAMPUS.

32878	LECT-DISC	F1	2	M W F		G 32	F L B	S. SAVIGNON
32885	LECT-DISC	F2	2	M W F		G 30	F L B	

:R 291 THESIS AND HONORS, I.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

32892	CONF		ARR					STAFF

:R 295 MAJOR TUTORIAL.
PREREQUISITE: FR. 201, 211, AND 213, OR THEIR EQUIVALENT; A
DECLARED MAJOR IN FRENCH AND JUNIOR STANDING.
1 TO 2 HOURS.

32903	CONF		ARR					STAFF

:R 299 FRENCH SENIOR SEMINAR.
PREREQUISITE: FR. 261 AND 262 OR EQUIVALENT; CONSENT OF DEPARTMENT
HEAD.
*MAY BE REPEATED FOR CREDIT.
*3 HOURS.
TOPIC: LE ROMAN AU 18E SIECLE.

32911	LECT-DISC		10-12	W		1040	F L B	G. LAPREVOTTE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

:R 311 DICTION.
IT IS RECOMMENDED THAT FR. 311 AND 313 BE TAKEN CONCURRENTLY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

32928	LECT-DISC	B	9	TU TH		1024	F L B	
32935	LECT-DISC	C	10	TU TH		1024	F L B	VIENS
32942	LECT-DISC	D	11	TU TH		1024	F L B	

FR 313 PHONETICS.
IT IS RECOMMENDED THAT FR. 313 AND 311 BE TAKEN CONCURRENTLY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

32950	LECT-DISC	D1	11	TU TH		G 96	F L B	MYERS
32967	LECT-DISC	D2	11	TU TH		G 27	F L B	JENKINS
32974	LAB	D	11	M W F		257	E R L	STAFF
32981	LAB	G	3	M W F		257	E R L	STAFF

FR 314 SYNTAX.
PREREQUISITE: FR. 213 AND 214, OR 215, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

32999	LECT-DISC	B	9	M W F		1024	F L B	
33001	LECT-DISC	C	10	M W F		1024	F L B	NACHTMANN

FR 316 STRUCTURE OF THE FRENCH LANGUAGE.
SAME AS LING. 316.
PREREQUISITE: FR. 313 OR EQUIVALENT TRAINING IN PHONETICS.
3 HOURS OR 3/4 UNIT.

33019	LECT-DISC		10	M W F		G 20	F L B	JENKINS

FR 335 FRENCH CIVILIZATION, I.
3 HOURS OR 3/4 UNIT.
*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF
CAMPUS.

33026	LECT-DISC		1	MTUWTHF		G 20	F L B	WEISZ

FR 342 LECTURES DE PROUST, II: A LA RECHERCHE DU TEMPS PERDU.
PREREQUISITE: FR. 341 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

33033	LECT-DISC		3	M W	1018	F L B	KOLB

COURSES FOR GRADUATES

FR 400 BEGINNING FRENCH FOR GRADUATE STUDENTS.
4 HOURS.

33041	LECT-DISC	A	8	MTU THF	309A	H H	
33058	LECT-DISC	B	9	MTU THF	309A	H H	
33065	LECT-DISC	X	12	MTU THF	309A	H H	

FR 401 READING FRENCH FOR GRADUATE STUDENTS.
PREREQUISITE: FR. 400, OR FR. 101 AND 102, OR EQUIVALENT.
4 HOURS.

33072	LECT-DISC	A	8	MTU THF	370	L H	
33080	LECT-DISC	B	9	MTU THF	370	L H	
33097	LECT-DISC	X	12	MTU THF	G 24	F L B	

FR 403 THE STUDY OF CULTURE: FINE ARTS, HISTORY AND LITERATURE, I.
PREREQUISITE: ADMISSION TO THE M. A. T. PROGRAM
1 UNIT.

33108	LECT-DISC		9	TU TH	G 30	F L B	G. SAVIGNON

FR 405 TEACHING COLLEGE FRENCH.

33115	CONF		ARR				GRIFFITH

FR 425 EXPLICATION DE TEXTES, I.
PREREQUISITE: GRADUATE STANDING IN FRENCH.
1 UNIT.

33122	LECT-DISC	F1	2	M TH	1032	F L B	LEROUX
33130	LECT-DISC	F2	2	M TH	1040	F L B	N. LAPREVOTTE

FR 437 STUDIES IN EIGHTEENTH CENTURY FRENCH LITERATURE, I.
1 UNIT.

33147	LECT-DISC		10	M TH	132	L H	V. BOWEN

FR 441 STUDIES IN TWENTIETH CENTURY FRENCH LITERATURE, I.
PREREQUISITE: GRADUATE STANDING IN FRENCH.
1 UNIT.

33154	LECT-DISC		1	TU F	G 24	F L B	PRICE

FR 443 FRENCH STUDIES.
1 UNIT.
TOPIC: THE TEACHING OF COLLEGE FRENCH.

33161	LECT-DISC		ARR				RIVERS

FR 446 RESEARCH METHODS.
1/4 OR 1/2 UNIT.

33179	LECT-DISC		1-3	TU	G 36	F L B	NELSON & STAFF

FR 449 INTRODUCTION TO OLD FRENCH LANGUAGE AND LITERATURE.
1 UNIT.

33186	LECT-DISC		10-12	M W	429	LIB	KNUDSON

FR 451 STUDIES IN MEDIEVAL FRENCH LITERATURE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

33193	CONF		ARR				

FR 472 SEMINAR IN SEVENTEENTH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: LA POESIE FRANSAISE DE D'AUBIGNE A LA FONTAINE.

33204	LECT-DISC		10-12	TU	G 20	F L B	NELSON

FR 474 SEMINAR IN NINETEENTH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: STENDHAL.

33211	LECT-DISC	9-11	M		170	L H	

FR 478 SEMINAR IN TWENTIETH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: FRENCH AND COMPARATIVE CINEMA, I.

33229	LECT-DISC	3-5	M		1040	F L B	JAHIEL
	CONF	3-5		W	192	L H	

FR 479 SEMINAR IN FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: FOREIGN SOURCES OF FRENCH LITERATURE WITH EMPHASIS ON FRANCO-GERMAN RELATIONS.

33236	LECT-DISC	3-5	M		1032	F L B	JOST

FR 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN FRENCH.
1/4 TO 1 UNIT.

33243	CONF	A	ARR
33251	CONF	B	ARR

FR 499 THESIS RESEARCH.
0 TO 4 UNITS.

33268	CONF	ARR

GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

BIOLOGICAL SCIENCE

BIOL 100, 101
PHYSL 103 OR 203, PSYCH 103
OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES.

RECOMMENDED COURSES ARE:	MCBIO 100 AND 101
BOT 100 OR 101	PHYSL 103 OR 203
ENTOM 103	ZOOL 104

HUMANITIES

A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER
A 300 COURSE IN HISTORY
OF ART OR PHIL 323
CLCIV 110, 111, AND 112
CLCIV 301, 302
ENGL 101, 102, 103
ENGL 115, 116 PLUS EITHER
131 OR AN ADVANCED COURSE
INVOLVING THE STUDY OF
LITERATURE IN DEPTH (255,
256, 257, 258, 370, 387,
AND 388 ARE EXCLUDED).
ENGL 195, 196
ENGL 251, 252, 253, 287 (ANY
TWO OF THESE FOUR COURSES).
ENGL 338, 339, 340 (ANY TWO
OF THESE THREE COURSES).
FRENCH 255, 256
HIST 131, 132

HIST 171, 172
HIST 247, 248
HIST 323, 324
HUMAN 151, 152
HUMAN 201, 202
HUMAN 211, 212
HUMAN 215, 216
HUMAN 363, 364
MUSIC 130, 131
MUSIC 130, 316, 317
PHIL 101, 102, AND 105
PHIL 101 (OR 195) AND ANY
TWO 300 LEVEL COURSES
EXCEPT PHIL 333, 334,
353, 354, AND 355
PHIL 303, 306
RUSS 114, 115, 116 (ANY TWO
OF THESE THREE COURSES
SPEECH 177, 178

PHYSICAL SCIENCE

ASTR 101, 102
CHEM, ANY 8 HOURS
GEOG 102, 103
GEOL 101, 102
L A S 141, 142

MATH 118, 119 OR ANY
OTHER 8 HOUR SEQUENCE
NOT INCLUDING MATH. 101
OR 118.
MATH 124, 134
PHYCS, ANY 8 HOURS

SOCIAL SCIENCE

ANTH 101 AND ANY ONE
OF THE FOLLOWING:
ANTH 173, 174, 220, 230
240, 260, 280, OR 300
ANTH 102, 103
ECON 108 AND ANY ONE
OR TWO OF THE FOLLOWING
COURSES: ECON 214, 240
255, 288, 328, 350
GEOG 104, 105
HIST 111, 112
HIST 151, 152
HIST 171, 172

HIST 247, 248
HIST 260, 261, 262
PHIL 103, 104
POL S 150 AND ANTH 174
POL S 184, 191
POL S 191, 192
PSYCH 100, OR 105 AND
ANY ONE OF THE FOLLOW-
ING: 201, 216, 248, 250
SOC 100 AND ANY ONE OF THE
FOLLOWING: 212, 218, 223
OR ANTH 174
SOC 151, 152 (OR 275)

GENERAL ENGINEERING

DEPARTMENT OFFICE 117 T B

COURSES FOR UNDERGRADUATES

G E 101 ENGINEERING GRAPHICAL COMMUNICATION.
PREREQUISITE: PLANE GEOMETRY.
*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103
OR G. E. 105.
*3 HOURS.
33275 LAB-DISC F6 9-12 TU TH 316 T B

G E 103 ENGINEERING GRAPHICS, I.
*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105.
*3 HOURS.
SECTIONS &G1, &G2 AND &G6 ARE HONORS SECTIONS.

33282	LAB-DISC	A2	8-10	M W F	303	T B
33290	LAB-DISC	A3	8-10	M W F	305	T B
33301	LAB-DISC	A6	8-10	M W F	316	T B
33318	LAB-DISC	A7	8-10	M W F	201	T B
33325	LAB-DISC	A8	8-10	M W F	207	T B
33332	LAB-DISC	A10	8-10	M W F	113	T B
33340	LAB-DISC	A11	8-10	M W F	114	T B
33357	LAB-DISC	B2	10-12	M W F	303	T B
33364	LAB-DISC	B5	10-12	M W F	308	T B
33371	LAB-DISC	B6	10-12	M W F	316	T B
33389	LAB-DISC	B7	10-12	M W F	201	T B
33396	LAB-DISC	B8	10-12	M W F	207	T B
33407	LAB-DISC	B10	10-12	M W F	113	T B
33414	LAB-DISC	B11	10-12	M W F	114	T B
33421	LAB-DISC	C1	1-3	M W F	302	T B
33439	LAB-DISC	C2	1-3	M W F	303	T B
33446	LAB-DISC	C6	1-3	M W F	316	T B
33453	LAB-DISC	C7	1-3	M W F	201	T B
33461	LAB-DISC	C8	1-3	M W F	207	T B
33478	LAB-DISC	C10	1-3	M W F	113	T B
33485	LAB-DISC	C11	1-3	M W F	114	T B
33492	LAB-DISC	D1	3-5	M W F	302	T B
33503	LAB-DISC	D2	3-5	M W F	303	T B
33511	LAB-DISC	D3	3-5	M W F	305	T B
33528	LAB-DISC	D6	3-5	M W F	316	T B
33535	LAB-DISC	D7	3-5	M W F	201	T B
33542	LAB-DISC	D8	3-5	M W F	207	T B
33550	LAB-DISC	D9	3-5	M W F	216	T B
33567	LAB-DISC	E7	8-10	TU TH S	201	T B
33574	LAB-DISC	E8	8-10	TU TH S	207	T B
33581	LAB-DISC	E9	8-10	TU TH S	216	T B
33599	LAB-DISC	E11	8-10	TU TH S	114	T B
33600	LAB-DISC	F7	10-12	TU TH S	201	T B
33617	LAB-DISC	F9	10-12	TU TH S	216	T B
33624	LAB-DISC	F11	10-12	TU TH S	114	T B
33631	LAB-DISC	&G1	1-4	TU TH	302	T B
33649	LAB-DISC	&G2	1-4	TU TH	303	T B
33656	LAB-DISC	&G6	1-4	TU TH	316	T B

G E 104 ENGINEERING GRAPHICS, II.
PREREQUISITE: G. E. 103 OR EQUIVALENT.
3 HOURS.
*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242.

33663	LAB-DISC	C3	1-3	M W F	305	T B
33671	LAB-DISC	*F3	9-12	TU TH	305	T B

G E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

33688	CONF	A	ARR

COURSES FOR ADVANCED UNDERGRADUATES

G E 212 GRAPHICAL CALCULATIONS.
PREREQUISITE: G. E. 103 OR EQUIVALENT, MATH. 123.
1 HOUR.

33695	LAB-DISC	F2	10-12	TU	303	T B
33706	LAB-DISC	H3	3-5	TU	305	T B

G E 220 HISTORY OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

33713	LECT-DISC	B	10	M W F	206	T B
33721	LECT-DISC	C	11	M W F	206	T B
33738	LECT-DISC	D	2	M W F	206	T B
33745	LECT-DISC	F	10-1120	TU TH	206	T B
33752	LECT-DISC	G	1-220	TU TH	206	T B

G E 221 INTRODUCTION TO GENERAL ENGINEERING DESIGN.
PREREQUISITE: G. E. 103 AND 104, CREDIT OR REGISTRATION IN T. A. M. 150.
3 HOURS.

33760	LECT-DISC	A9	8-10	M W F	216	T B
33777	LECT-DISC	B9	10-12	M W F	216	T B

G E 230 ENGINEERING ASPECTS OF CONTEMPORARY SOCIETY.
PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

33784	LECT-DISC	H	3-420	TU TH	206	T B

G E 231 ENGINEERING ANALYSIS, I.
PREREQUISITE: G. E. 221, T. A. M. 211.
3 HOURS.

33791	LECT-DISC	B4	10-12	M W F	306	T B
33802	LECT-DISC	C9	1-3	M W F	216	T B

G E 232 ENGINEERING ANALYSIS, II.
PREREQUISITE: G. E. 231, T. A. M. 221.
4 HOURS.

33810	LECT-DISC	A	9	MTU THF	302	T B
33827	LECT-DISC	C	1	MTU THF	203	T B

G E 241 COMPONENT DESIGN.
PREREQUISITE: G. E. 232, T. A. M. 224.
4 HOURS.

33834	LECT-DISC	A4	8-10	M F	306	T B
		A4	9	W	306	T B
33841	LECT-DISC	G4	1-3	TU TH	306	T B
		G4	1	W	306	T B

G E 242 PROJECT DESIGN.
PREREQUISITE: G. E. 241, 288.
3 HOURS.

33859	LECT-DISC	A	9-12	TU TH	306	T B

G E 281 ENGINEERING INFLUENCE ON BUSINESS DECISIONS.
PREREQUISITE: JUNIOR STANDING (NON-ENGINEERS).
3 HOURS.

33866	LAB-DISC	G3	1-3	TU TH	305	T B

G E 282 INTRODUCTION TO PATENT LAW.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

33873	LECT-DISC	A	4	M	206	T B
33881	LECT-DISC	B	8	W	206	T B

G E 288 ECONOMIC ANALYSIS FOR ENGINEERING DECISION MAKING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

33898	DISC	A	10	M W F	305	T B
33909	DISC	B	3	M W F	206	T B

G E 290 LEGAL ASPECTS OF ENGINEERING CONTRACTS AND SPECIFICATIONS.
SAME AS C. E. 290.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE OR ENGINEERING, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH C. E./G. E. 290 AND G. E. 292.
*3 HOURS.

33916	LECT-DISC	P	11	TU TH	314	E H

G E 291 GENERAL ENGINEERING SEMINAR.
PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING.

33923	LECT-DISC	A	3-5	W	203	T B

G E 292 ENGINEERING LAW.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E. OR C. E. 290.
*3 HOURS.

33931	LECT-DISC	A	9	M W F	206	T B
33948	LECT-DISC	B	1	M W F	206	T B
33955	LECT-DISC	C	2	M W F	203	T B

G E 293 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.
*SECTION G IS MORPHOLOGY OF DESIGN. CREDIT--3 HOURS.

33962	CONF	B	ARR						
33970	LECT-DISC	*G	ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

G E 304 PROFESSIONAL EXPRESSION.
PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
3 OR 4 HOURS, OR 1 UNIT.
*EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT.

33987	LECT-DISC	D	*11	M	W	F	305	T B	

G E 360 ENGINEERING APPLICATIONS OF METEOROLOGICAL FUNDAMENTALS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, CHEMISTRY, OR PHYSICS, MATH. 140, 145 OR 141, PHYCS. 106, 107 AND 108, M. E. 205, AND 206, OR M. E. 209 OR CHEM. 342 AND 344 OR PHYCS. 360.
4 HOURS OR 1 UNIT.

33994	LECT-DISC	A	10	M		F	302	T B	
		A	10-12		W		302	T B	

G E 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
*SECTION A IS FOR GENERAL ENGINEERING STUDENTS
*SECTION &B IS AN HONORS SECTION.
*SECTION C IS TECHNIQUES AND APPLICATIONS IN ENGINEERING DESIGN ANALYSIS. CREDIT--3 HOURS.
*SECTIONS F1, F2, F3 AND F4 ARE SCIENCE OF AEROSPACE. PREREQUISITE: NON ENGINEERING STUDENTS. CREDIT--3 HOURS OR 1 UNIT.
*SECTION G IS MORPHOLOGY OF DESIGN. CREDIT-3 HOURS OR 1 UNIT.

34007	CONF	*A	ARR						
34014	CONF	*&B	ARR						
34021	CONF	*C	ARR						
34039	LECT-DISC	*F1	4-6	M			114	T B	KERZNER
34046	LECT-DISC	*F2	1-3		TU		114	T B	KERZNER
34053	LECT-DISC	*F3	4-6		W		114	T B	KERZNER
34061	LECT-DISC	*F4	1-3			TH	114	T B	KERZNER
34078	LECT-DISC	*G	ARR						

GEOGRAPHY

DEPARTMENT OFFICE 220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT LEAST FIFTEEN OF THE TWENTY HOURS MUST BE IN COURSES CARRYING ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR STUDENTS WITH THE FOLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION, BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY. THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, MINOR FIELDS, AND RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH HONORS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE DEPARTMENTAL ADVISER CONCERNING GRADUATION WITH DISTINCTION IN GEOGRAPHY.

GEOG 102 PHYSICAL GEOGRAPHY, I.
4 HOURS.
*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

34085	LECT	N	10	TU TH	314	A H	BOOTH
34092	QUIZ	1	8-10	M	143A	M E B	
34181	QUIZ	&2	8-10	W	143A	M E B	
34103	QUIZ	3	8-10	F	143A	M E B	
34111	QUIZ	4	10-12	M	143A	M E B	
34128	QUIZ	5	10-12	W	143A	M E B	
34135	QUIZ	6	10-12	F	143A	M E B	
34142	QUIZ	7	1-3	W	143A	M E B	
34150	QUIZ	8	1-3	F	143A	M E B	
34167	QUIZ	9	3-5	W	143A	M E B	
34174	QUIZ	10	3-5	F	143A	M E B	

GEOG 103 PHYSICAL GEOGRAPHY, II.
FIELD TRIP REQUIRED. ESTIMATED COST $3.00-$5.00.
4 HOURS.
*SECTION &5 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

34199	LECT	M	9	TU TH	314	A H	JOHNSON
34200	LECT	P	11	TU TH	314	A H	JOHNSON
34217	LAB-DISC	1	8	M	175	D H	
		1	8-10	W	175	D H	
34224	LAB-DISC	3	9	M	177	D H	
		3	8-10	F	177	D H	
34231	LAB-DISC	4	9	TU	177	D H	
		4	8-10	TH	177	D H	
34306	LAB-DISC	*&5	10	M	175	D H	
		*&5	10-12	W	175	D H	
34249	LAB-DISC	6	10	M	177	D H	
		6	10-12	W	177	D H	
34256	LAB-DISC	7	11	TU	175	D H	
		7	10-12	TH	175	D H	
34263	LAB-DISC	8	11	M	175	D H	
		8	10-12	F	175	D H	
34271	LAB-DISC	9	11	M	177	D H	
		9	10-12	F	177	D H	
34288	LAB-DISC	10	1	TU	177	D H	
		10	1-3	TH	177	D H	
34295	LAB-DISC	12	2	M	175	D H	
		12	1-3	W	175	D H	

GEOG 104 WORLD REGIONAL GEOGRAPHY.
4 HOURS.
*SECTION &12 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

34313	LECT	D	11	M W F	228	N H B	ROSEMAN
34321	QUIZ	1	8	M	177	D H	
34338	QUIZ	2	8	TU	177	D H	
34345	QUIZ	3	9	M	175	D H	
34352	QUIZ	4	9	TU	175	D H	
34360	QUIZ	5	10	TU	175	D H	
34377	QUIZ	6	10	TH	177	D H	
34384	QUIZ	7	11	TU	177	D H	
34391	QUIZ	8	1	TH	175	D H	
34402	QUIZ	9	1	W	177	D H	
34410	QUIZ	10	2	M	177	D H	
34427	QUIZ	11	2	TU	175	D H	
34434	QUIZ	*&12	3	TH	175	D H	

GEOG 105 INTRODUCTORY ECONOMIC GEOGRAPHY.
4 HOURS.
*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

34441	LECT	D	11	M W F	114	D K H	ROEPKE
34459	QUIZ	1	8	W	177	D H	
34523	QUIZ	*&2	10	TU	177	D H	
34466	QUIZ	3	1	TU	175	D H	
34473	QUIZ	4	1	M	177	D H	
34481	QUIZ	5	2	W	177	D H	
34498	QUIZ	6	3	M	177	D H	
34509	QUIZ	7	4	TU	177	D H	
34516	QUIZ	8	4	TH	175	D H	

GEOG 185 INTRODUCTION TO SOCIAL STATISTICS.
SAME AS SOC. 185.
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1, B1, AND C1 ARE FOR GEOGRAPHY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, OR C2. SOCIOLOGY MAJORS SEE SOCIOLOGY 185.

34531	LECT-DISC	*A1	9-1030	TU TH	300	L	H	UCHE
34562	LECT-DISC	*A2	9-1030	TU TH	300	L	H	
34548	LECT-DISC	*B1	1	M W F	300	L	H	WIEBE
34570	LECT-DISC	*B2	1	M W F	300	L	H	
34555	LECT-DISC	*C1	9	M W F	300	L	H	
34587	LECT-DISC	*C2	9	M W F	300	L	H	

GEOG 195 UNDERGRADUATE HONORS SEMINAR.
PREREQUISITE: FRESHMAN HONORS STUDENT.
3 HOURS.

34594	LECT-DISC	G1	3-5	TU	219	D	H	RUSSELL
34605	LECT-DISC	G2	3-5	TH	113	D	H	WIENS

GEOG 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

34612	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES

GEOG 210 GEOGRAPHY IN WORLD AFFAIRS.
3 HOURS.

34620	LECT-DISC	C	10	TU	119	M	M	B	ALEXANDER,
		C	10-12	TH	119	M	M	B	FELLMANN

GEOG 214 CONSERVATION OF NATURAL RESOURCES.
3 HOURS.

34637	LECT-DISC	F	2	M W F	119	M	M	B	BOOTH

GEOG 223 GEOGRAPHY OF ANGLO-AMERICA.
3 HOURS.

34644	LECT-DISC	B	9	M W F	323	D	H	GARLAND

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOG 313 CLIMATES OF THE CONTINENTS.
PREREQUISITE: GEOG. 102 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

34651	LECT-DISC	L	8	TU	323	D	H	STAFF
		L	8-10	TH	323	D	H	

GEOG 351 GEOGRAPHY OF ASIA.
3 HOURS OR 3/4 UNIT.

34669	LECT-DISC	N	10	TU	113	D	H	WIENS
		N	10-12	TH	113	D	H	

GEOG 353 GEOGRAPHY OF THE U S S R.
3 HOURS OR 3/4 UNIT.

34676	LECT-DISC	C	10	M W F	113	D	H	FELLMANN

GEOG 355 GEOGRAPHY OF CENTRAL AND SOUTH AFRICA.
3 HOURS OR 3/4 UNIT.

34683	LECT-DISC	E	1	M W F	323	D	H	ALEXANDER

GEOG 357 GEOGRAPHY OF THE MIDDLE EAST AND NORTH AFRICA.
3 HOURS OR 3/4 UNIT.

34691	LECT-DISC	C	10	M W F	323	D	H	FOSTER

GEOG 363 GEOGRAPHY OF MINERALS.
3 HOURS OR 3/4 UNIT.

34701	LECT-DISC	B	9	M W F	113	D	H	POEPKE

GEOG 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., V.M.S. AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

34719	LECT-DISC		11	M W F	112	C A		STAFF

GEOG 370 QUANTITATIVE METHODS IN GEOGRAPHY.
PREREQUISITE: GEOG. 185, OR ONE YEAR COLLEGE MATHEMATICS, OR ONE COURSE IN STATISTICS, OR THE EQUIVALENT.
3 HOURS OR 3/4 UNIT.

34726	LECT-DISC	E	1-3	M W	325	D H		NUNNALLY

GEOG 371 INTRODUCTION TO RESEARCH, I.
PREREQUISITE: GEOGRAPHY MAJOR.
3 HOURS OR 3/4 UNIT.

34733	LECT-DISC	R	1-3	TU	219	D H		JAKLE, ROSEMAN
		R	1	TH	219	D H		

GEOG 372 INTRODUCTION TO RESEARCH, II.
2 HOURS OR 1/2 UNIT.

34741	LECT-DISC		ARR					STAFF

GEOG 373 MAP COMPILATION AND CONSTRUCTION.
4 HOURS OR 1 UNIT.

34758	LECT-DISC	F	2	M W	323	D H		FOSTER
34765	LAB	1	3-5	M W	318	D H		
34772	LAB	2	3-5	TU TH	318	D H		

GEOG 386 POLITICAL GEOGRAPHY.
3 HOURS OR 3/4 UNIT.

34780	LECT-DISC	F	2	M W F	113	D H		GARLAND

COURSES FOR GRADUATES

GEOG 463 HISTORICAL GEOGRAPHY.
1 UNIT.

34797	LECT-DISC	G	3-5	W	219	D H		JAKLE

GEOG 495 ADVANCED STUDIES IN GEOGRAPHY.
1/2 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:

PHYSICAL GEOGRAPHY, AFRICA, AGRICULTURAL ORIGINS	A	ALEXANDER
ASIA, RESOURCE MANAGEMENT, TRANSPORTATION	C	BOOTH
URBAN, U. S. S. R.	D	FELLMAN
MIDDLE EAST, ADVANCED CARTOGRAPHY	E	FOSTER
ANGLO AMERICA, POLITICAL GEOGRAPHY, REGIONALISM	F	GARLAND
ECONOMIC GEOGRAPHY, INDUSTRIAL LOCATION, EUROPE	G	ROEPKE
MARKETING GEOGRAPHY	H	RUSSELL
HUMAN ECOLOGY, U. S. S. R.	I	SHIMKIN
LATIN AMERICA	J	THOMPSON
GEOMORPHOLOGY, SOILS, PALEOECOLOGY, ZOOGEOGRAPHY	L	JOHNSON
HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY	M	JAKLE
REMOTE SENSING INTERPRETATION, QUANTITATIVE, LAND USE, GEOMORPHOLOGY.	N	NUNNALLY
SOCIAL GEOGRAPHY, MIGRATION, QUANTITATIVE METHODS	O	ROSEMAN
ASIA, HISTORICAL	W	WIENS

34808	CONF	A	ARR	ALEXANDER
34815	CONF	C	ARR	BOOTH
34822	CONF	D	ARR	FELLMANN
34830	CONF	E	ARR	FOSTER
34847	CONF	F	ARR	GARLAND
34854	CONF	G	ARR	ROEPKE
34861	CONF	H	ARR	RUSSELL
34879	CONF	I	ARR	SHIMKIN
34886	CONF	J	ARR	THOMPSON
34893	CONF	L	ARR	JOHNSON
34904	CONF	M	ARR	JAKLE
34911	CONF	N	ARR	NUNNALLY
34929	CONF	O	ARR	ROSEMAN
34936	CONF	W	ARR	WIENS

GEOG 499 THESIS RESEARCH.
0 TO 4 UNITS.
34943 CONF ARR STAFF

GEOLOGY

DEPARTMENT OFFICE 249 N H B

LAS CURRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FOLLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINORS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS-ANTHROPOLOGY, ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, CIVIL ENGINEERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

COURSES FOR UNDERGRADUATES

GEOL 101 PHYSICAL GEOLOGY.
FIELD TRIP, ESTIMATED COST $6.00.
4 HOURS.
STUDENTS ENROLL IN LAB-DISC/LECTURE COMBINATION.
*LAB-DISC SECTIONS &5 AND &20 ARE RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS. ADMISSION TO THESE SECTIONS REQUIRE CONCURRENT REGISTRATION IN GEOL. 111.
SECTION C IS INTENDED PRIMARILY FOR STUDENTS WHO PLAN TO MAJOR IN GEOLOGY OR IN OTHER SCIENCES; SECTION E IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

35131	LAB-DISC	1	8-10		TH	241	N H 3		
	LECT	C	10	M	W F	119	M M B		CHAPMAN
35148	LAB-DISC	2	10-12		TH	241	N H B		
	LECT	C	10	M	W F	119	M M B		
35155	LAB-DISC	3	1-3		TH	241	N H B		
	LECT	C	10	M	W F	119	M M B		
35162	LAB-DISC	4	3-5		TH	241	N H B		
	LECT	C	10	M	W F	119	M M B		
35116	LAB-DISC	*&5	1-3		TH	120	N H B		
	LECT	*C	10	M	W F	119	M M B		

GEOL 101 CONTINUED

35170	LAB-DISC	6	1-3		F	241	N H B		
	LECT	C	10	M W	F	119	M M B		
35187	LAB-DISC	7	3-5		F	241	N H B		
	LECT	C	10	M W	F	119	M M B		
35194	LAB-DISC	8	8-10		F	241	N H B		
	LECT	C	10	M W	F	119	M M B		
35205	LAB-DISC	9	11-1		F	241	N H B		
	LECT	C	10	M W	F	119	M M B		
34951	LAB-DISC	10	8-10	M		251	N H B		
	LECT	E	1	M W	F	228	N H B		WOOD
34968	LAB-DISC	11	10-12	M		251	N H B		
	LECT	E	1	M W	F	228	N H B		
34975	LAB-DISC	12	2-4	M		251	N H B		
	LECT	E	1	M W	F	228	N H B		
34982	LAB-DISC	13	8-10	TU		251	N H B		
	LECT	E	1	M W	F	228	N H B		
34990	LAB-DISC	14	10-12	TU		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35002	LAB-DISC	15	1-3	TU		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35010	LAB-DISC	16	3-5	TU		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35027	LAB-DISC	17	8-10	W		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35034	LAB-DISC	18	10-12	W		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35041	LAB-DISC	19	2-4	W		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35123	LAB-DISC	*&20	1-3	TU		120	N H B		
	LECT	*E	1	M W	F	228	N H B		
35059	LAB-DISC	21	8-10	TH		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35066	LAB-DISC	22	10-12	TH		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35073	LAB-DISC	23	1-3	TH		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35081	LAB-DISC	24	3-5	TH		251	N H B		
	LECT	E	1	M W	F	228	N H B		
35098	LAB-DISC	25	2-4		F	251	N H B		
	LECT	E	1	M W	F	228	N H B		
35109	LAB-DISC	26	10-12		F	251	N H B		
	LECT	E	1	M W	F	228	N H B		

GEOL 102 HISTORICAL GEOLOGY.

PREREQUISITE: GEOL. 101 OR 105 OR 250, OR L. A. S. 142.
FIELD TRIP, ESTIMATED COST $6.00.
4 HOURS.
STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.
*HONORS STUDENTS MUST REGISTER IN ONE &7 LAB-DISC/LECT COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOL 112.
*SECTION G IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

35212	LAB-DISC	3	8-10	TU		241	N H B		
	LECT	G	3	M W	F	228	N H B		CAROZZI
35220	LAB-DISC	4	10-12	TU		241	N H B		
	LECT	G	3	M W	F	228	N H B		
35237	LAB-DISC	5	1-3	TU		241	N H B		
	LECT	G	3	M W	F	228	N H B		
35244	LAB-DISC	6	1-3	W		241	N H B		
	LECT	G	3	M W	F	228	N H B		
35251	LAB-DISC	*&7	3-5	TU		120	N H B		
	LECT	*G	3	M W	F	228	N H B		

GEOL 105 AGRICULTURAL GEOLOGY.

FOR AGRICULTURE STUDENTS ONLY.
PREREQUISITE: ONE SEMESTER OF CHEMISTRY.
FIELD TRIP, ESTIMATED COST $2.00.
4 HOURS.
STUDENTS ENROLL IN ONE LAB/QUIZ/LECT COMBINATION.

35269	LAB	1	10-12	TU		413	N H B		
	QUIZ	1	1	W		316	N H B		
	LECT		9	TU TH		100	M M B		FOLLMER
35276	LAB	2	1-3	TU		413	N H B		
	QUIZ	2	1	W		316	N H B		
	LECT		9	TU TH		100	M M B		

EOL 105 CONTINUED

35283	LAB	3	3-5	TU	413	N H B	
	QUIZ	3	3	W	316	N H B	
	LECT		9	TU TH	100	M M B	
35291	LAB	4	8-10	W	413	N H B	
	QUIZ	4	3	W	316	N H B	
	LECT		9	TU TH	100	M M B	
35301	LAB	5	10-12	W	413	N H B	
	QUIZ	5	2	W	316	N H B	
	LECT		9	TU TH	100	M M B	
35319	LAB	6	10-12	TH	413	N H B	
	QUIZ	6	2	W	316	N H B	
	LECT		9	TU TH	100	M M B	
35326	LAB	7	1-3	TH	413	N H B	
	QUIZ	7	4	W	316	N H B	
	LECT		9	TU TH	100	M M B	
35333	LAB	8	3-5	TH	413	N H B	
	QUIZ	8	4	W	316	N H B	
	LECT		9	TU TH	100	M M B	

GEOL 111 HONORS: PHYSICAL GEOLOGY.
PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF GEOL. 101, JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP, ESTIMATED COST $20.00.
1 HOUR.

35341	LAB-DISC	&A	ARR		147	N H B	BUCKLEY/HAGNER

GEOL 112 HONORS: HISTORICAL GEOLOGY.
PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS LABORATORY OF GEOL. 102, JAMES SCHOLAR OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP, ESTIMATED COST $20.00.
1 HOUR.

35358	LAB-DISC	&A	ARR		147	N H B	BLAKE

GEOL 142 EARTH EVOLUTION AND CHEMICAL ENVIRONMENTS.
SAME AS L. A. S. 142.
4 HOURS.
FIELD TRIP, ESTIMATED COST $2.00.
STUDENTS SHOULD ENROLL IN ONE LAB-DISC-LECTURE COMBINATION.

35365	LAB	1	8-930	M	206	H H	
	DISC	1	4	TU	8	C A	
	LECT		3	M W	100	M M B	PRIDE, SETO
35372	LAB	2	930-11	M	206	H H	
	DISC	2	9	TU	8	C A	
	LECT		3	M W	100	M M B	
35380	LAB	3	11-1230	M	206	H H	
	DISC	3	10	TU	8	C A	
	LECT		3	M W	100	M M B	
35397	LAB	4	1230-2	M	206	H H	
	DISC	4	1	TU	8	C A	
	LECT		3	M W	100	M M B	
35408	LAB	5	4-530	M	206	H H	
	DISC	5	3	TU	8	C A	
	LECT		3	M W	100	M M B	
35415	LAB	6	12-130	W	206	H H	
	DISC	6	4	TU	9	C A	
	LECT		3	M W	100	M M B	
35422	LAB	7	130-3	W	206	H H	
	DISC	7	11	TU	8	C A	
	LECT		3	M W	100	M M B	
35430	LAB	8	8-930	F	206	H H	
	DISC	8	12	TU	8	C A	
	LECT		3	M W	100	M M B	
35447	LAB	9	930-11	F	206	H H	
	DISC	9	8	TU	8	C A	
	LECT		3	M W	100	M M B	
35454	LAB	10	11-1230	F	206	H H	
	DISC	10	2	TU	8	C A	
	LECT		3	M W	100	M M B	

GEOL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

35461	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

GEOL 222 PALEONTOLOGY AND STRATIGRAPHY.
PREREQUISITE: GEOL. 102.
*STUDENTS MAY NOT RECEIVE CREDIT FOR GEOL. 222 AND 320.
*4 HOURS.

35479	LECT		10	M W F	120	N H B	SANDBERG
	LAB		3-5	TH	120	N H B	

GEOL 250 GEOLOGY FOR ENGINEERS.
PREREQUISITE: T. A. M. 150 OR 152, SOPHOMORE STANDING IN THE COLLEGE OF ENGINEERING.
3 HOURS.

35486	LECT		11	TU TH	140	BUR HALL	PATTON
35493	LAB	1	1-3	TU	316	N H B	
35504	LAB	2	3-5	TU	316	N H B	
35511	LAB	3	1-3	TH	316	N H B	
35529	LAB	4	3-5	TH	316	N H B	

GEOL 290 RESEARCH AND THESIS.

35536	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GEOL 301 GEOMORPHOLOGY.
PREREQUISITE: GEOL. 102.
FIELD TRIPS.
4 HOURS OR 1 UNIT.

35543	LECT		10	M W F	229	N H B	JOHNSON
35551	LAB	1	1-3	TU	147	N H B	
35568	LAB	2	3-5	TU	147	N H B	

GEOL 315 ADVANCED FIELD METHODS.
PREPARATION OF A REPORT.
PREREQUISITE: GEOL. 215.
2 TO 8 HOURS, OR 1/2 TO 2 UNITS.

35575	CONF		ARR				STAFF

GEOL 320 INVERTEBRATE PALEONTOLOGY.
PREREQUISITE: GEOL. 102.
*STUDENTS MAY NOT RECEIVE CREDIT FOR GEOL. 222 AND 320.
*4 HOURS OR 1 UNIT.

35582	LECT		11	M W	229	N H B	BLAKE/SANDBERG
35590	LAB	1	8-10	TU TH	120	N H B	
35601	LAB	2	10-12	TU TH	120	N H B	

GEOL 325 PALEOBOTANY.
SAME AS BOT. 325.
PREREQUISITE: BOT. 100 OR BIOL. 100 AND 101, GEOL. 101 OR CONSENT OF INSTRUCTOR.
2 OR 3 FIELD TRIPS.
5 HOURS OR 1 UNIT.

35618	LAB-DISC		1-4	TU TH	306	N H B	PHILLIPS

GEOL 331 MINERALOGY.
PREREQUISITE: GEOL. 102 AND CREDIT OR REGISTRATION IN CHEM. 102 OR 108.
*CREDIT NOT ALLOWED FOR BOTH GEOL. 331 AND 233.
*4 HOURS OR 1 UNIT.

35625	LECT		9	M W	229	N H B	HENDERSON
35632	LAB	1	1-3	M W	109	N H B	
35640	LAB	2	3-5	M W	109	N H B	
35657	LAB	3	8-10	TU TH	109	N H B	

GEOL 335 OPTICAL MINERALOGY.
FOR STUDENTS IN GEOLOGY, CERAMICS, CHEMISTRY, MINING, AND AGRICULTURE.
PREREQUISITE: GEOL. 132.
4 HOURS OR 1 UNIT.

35664	LECT		9	TU TH	204	N H B	CHAPMAN
35671	LAB	1	1-3	TU TH	204	N H B	
35689	LAB	2	3-5	TU TH	204	N H B	

GEOL 350 THEORETICAL GEOPHYSICS.
PREREQUISITE: MATHEMATICS THROUGH CALCULUS, ONE YEAR OF PHYSICS, GEOL. 311 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

35696	LECT		9	M W F	147	N H B	HOLDER

GEOL 370 OCEANOGRAPHY.
PREREQUISITE: BOT. 100 OR ZOOL. 104, CHEM. 101, GEOL. 101, PHYCS. 101; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

35707	LECT		1	M W F	100	M M B	HAY

COURSES FOR GRADUATES

GEOL 415 REGIONAL FIELD GEOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

35714	LAB-DISC		ARR				LANGENHEIM

GEOL 422 STRATIGRAPHIC GEOLOGY: PALEOZOIC.
PREREQUISITE: GEOL. 321.
1 UNIT.

35721	LECT		8	M W	236	N H B	LANGENHEIM
	LECT-DISC		8-10	TH	236	N H B	

GEOL 426 MICROPALEONTOLOGY: OSTRACODA.
PREREQUISITE: GEOL. 320 OR ZOOL. 320.
1 UNIT.

35739	LAB-DISC		10-12	TU TH	138	N H B	SANDBERG

GEOL 430 CRYSTALLOGRAPHY.
PREREQUISITE: GEOL. 335 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
1 UNIT.

35746	LECT		8	M W F	109	N H B	HENDERSON

GEOL 433 X-RAY MINERALOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

35753	LECT-DISC		10-12	TU TH	229	N H B	GUVEN

GEOL 434 THEORECTICAL PETROLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

35761	LECT		2	M W	147	N H B	D. ANDERSON
	LECT-DISC		1-3	TH	147	N H B	

GEOL 437 SEDIMENTARY PROCESSES.
PREREQUISITE: GEOL. 335 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

35778	LECT		2	M W	134	N H B	KLEIN
	LAB		1-3	TH	134	N H B	
	LECT-DISC		1-3	TU	134	N H B	

GEOL 443 MINERAL DEPOSITS, I.
PREREQUISITE: GEOL. 311.
1 UNIT.

35785	LAB-DISC		3-5	M W	208	N H B	HAGNER

GEOL 450 PRINCIPLES OF ENGINEERING GEOLOGY.
PREREQUISITE: GEOL. 250 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
THREE DAY FIELD TRIP IS INTEGRAL PART OF COURSE.
1 UNIT.

35792	LECT		9-11	TU TH	316	N H B	DEERE, PATTON

GEOL 455 HYDROGEOLOGY.
1 UNIT.

35803	LECT-DISC	3-5	TU TH	315	N H B		DOMENICO

GEOL 461 MINERALOGY OF CLAYS, I.
SAME AS CER. E. 461.
PREREQUISITE: GEOL. 336 OR CHEM. 328 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

35811	LECT	10	M W F	109	N H B		GUVEN
	LAB	ARR					

GEOL 489 GEOTECTONICS.
PREREQUISITE: GEOL. 311, OR CONSENT OF INSTRUCTOR.
1 UNIT.

35828	LECT	10	M W F	147	N H B		

GEOL 493 ADVANCED STUDIES IN GEOLOGY.
1/2 TO 2 UNITS.
A--CLAY MINERALOGY
B--ENGINEERING GEOLOGY
C--GEOMORPHOLOGY AND GLACIAL GEOLOGY
D--GEOTECTONICS
E--GROUND-WATER GEOLOGY
F--MICROPALEONTOLOGY
G--MINERAL DEPOSITS
H--MINERALOGY AND CRYSTALLOGRAPHY
I--PALEONTOLOGY
J--GEOCHEMISTRY
K--GEOPHYSICS
L--PETROGRAPHY AND PETROLOGY
M--SEDIMENTOLOGY
N--STRATIGRAPHY
O--OCEANOGRAPHY AND OCEAN ENGINEERING
P--SUBMARINE GEOLOGY
Q--STRUCTURAL GEOLOGY
R--MATHEMATICAL GEOLOGY

35835	CONF	A	ARR				GUVEN
35842	CONF	B	ARR				DEERE, PATTON
35850	CONF	C	ARR				JOHNSON
35867	CONF	D	ARR				CAROZZI, WOOD
35874	CONF	E	ARR				DOMENICO
35881	CONF	F	ARR				COLLINSON, HAY AND SANDBERG
35899	CONF	G	ARR				HAGNER
35900	CONF	H	ARR				GUVEN, HENDERSON
35917	CONF	I	ARR				BLAKE, HAY AND LANGENHEIM
35924	CONF	J	ARR				T. ANDERSON, GRAF
35931	CONF	K	ARR				DONATH, HOLDER & PALCIAUSKAS
35949	CONF	L	ARR				D. ANDERSON, CHAPMAN
35956	CONF	M	ARR				CAROZZI, KLEIN AND STANLEY
35963	CONF	N	ARR				LANGENHEIM, MANN
35971	CONF	O	ARR				HAY, KLEIN, STANLEY
35988	CONF	P	ARR				KLEIN, STANLEY
35995	CONF	Q	ARR				DONATH, WOOD
36008	CONF	R	ARR				

GEOL 499 THESIS RESEARCH.
0 TO 4 UNITS.

36015	CONF	ARR					STAFF

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND ONE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT: EDUCATION, ENGLISH (EXCLUDING RHET. 101, 102, AND 200), FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING. 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR IN THAT LANGUAGE.

COURSES FOR UNDERGRADUATES

GER 101 ELEMENTARY COURSE, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GER. 101 WITHOUT GER. 102.
*4 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE, ONE LECTURE-DISCUSSION AND FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3-M29 SECTIONS.

36022	LECT	N	10		TU	141	COM W	
36030	LECT	P	11		TU	213	G H	
36047	LECT	R	1		TU	213	G H	
36054	LECT-DISC	A1	8	M	WTH	G 36	F L B	
36061	LECT-DISC	A2	8	M	WTH	G 46	F L B	
36079	LECT-DISC	A3	8	M	WTH	G 48	F L B	
36086	LECT-DISC	B1	9	M	WTH	G 36	F L B	
36093	LECT-DISC	B2	9	M	WTH	G 46	F L B	
36104	LECT-DISC	B3	9	M	WTH	332	ARMORY	
36111	LECT-DISC	B4	9	M	WTH	216	L H	
36129	LECT-DISC	C1	10	M	WTH	G 36	F L B	
36136	LECT-DISC	C2	10	M	WTH	G 46	F L B	
36143	LECT-DISC	C3	10	M	WTH	332	ARMORY	
36151	LECT-DISC	C4	10	M	WTH	303	N L	
36168	LECT-DISC	C5	10	M	WTH	168	E E B	
36175	LECT-DISC	D1	11	M	WTH	G 36	F L B	
36182	LECT-DISC	D2	11	M	WTH	G 46	F L B	
36190	LECT-DISC	D3	11	M	WTH	332	ARMORY	
36201	LECT-DISC	D4	11	M	WTH	201	N L	
36218	LECT-DISC	X1	12	M	WTH	G 36	F L B	
36225	LECT-DISC	X2	12	M	WTH	G 46	F L B	
36232	LECT-DISC	X3	12	M	WTH	332	ARMORY	
36240	LECT-DISC	E1	1	M	WTH	G 36	F L B	
36257	LECT-DISC	E2	1	M	WTH	G 46	F L B	
36264	LECT-DISC	E3	1	M	WTH	332	ARMORY	
36271	LECT-DISC	E4	1	M	WTH	1134	F L B	
36289	LECT-DISC	F1	2	M	WTH	G 36	F L B	
36296	LECT-DISC	F2	2	M	WTH	332	ARMORY	
36307	LECT-DISC	G1	3	M	WTH	G 36	F L B	
36314	LECT-DISC	G2	3	M	WTH	G 46	F L B	
36321	LECT-DISC	H	4	M	WTH	G 36	F L B	
36339	LAB	M3	8-830	M	W	202	L H	
36346	LAB	M4	830-9	M	W	202	L H	
36353	LAB	M5	9-930	M	W	202	L H	
36361	LAB	M6	930-10	M	W	202	L H	
36378	LAB	M7	10-1030	M	W	202	L H	
36385	LAB	M8	1030-11	M	W	202	L H	
36392	LAB	M9	11-1130	M	W	202	L H	
36403	LAB	M10	1130-12	M	W	202	L H	
36411	LAB	M11	12-1230	M	W	202	L H	
36428	LAB	M12	1230-1	M	W	202	L H	
36435	LAB	M13	1-130	M	W	202	L H	
36442	LAB	M14	130-2	M	W	202	L H	
36450	LAB	M15	2-230	M	W	202	L H	
36467	LAB	M16	230-3	M	W	202	L H	
36474	LAB	M17	3-330	M	W	202	L H	
36481	LAB	M18	330-4	M	W	202	L H	
36499	LAB	M19	4-430	M	W	202	L H	

GER 101 CONTINUED

36500	LAB	M20	430-5	M	W	202	L	H
36517	LAB	M21	5-530	M	W	202	L	H
36524	LAB	M22	530-6	M	W	202	L	H
36531	LAB	M25	7-730PM	M	W	202	L	H
36549	LAB	M26	730-8PM	M	W	202	L	H
36556	LAB	M27	8-830PM	M	W	202	L	H
36563	LAB	M28	830-9PM	M	W	202	L	H
36571	LAB	M29	ARR			202	L	H

GER 102 ELEMENTARY COURSE, II.

PREREQUISITE: GER. 101 OR ONE YEAR OF HIGH SCHOOL GERMAN.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.
*EMPHASIS IS ON READING IN SECTIONS B2 AND C2.

36588	LECT-DISC	A	8	MTUWTH	186	L	H
36595	LECT-DISC	B1	9	MTUWTH	186	L	H
36920	LECT-DISC	*B2	9	MTUWTH	432	ARMORY	
36606	LECT-DISC	C1	10	MTUWTH	186	L	H
36937	LECT-DISC	*C2	10	MTUWTH	250	E	E B
36613	LECT-DISC	D	11	MTUWTH	186	L	H
36621	LECT-DISC	X1	12	MTUWTH	186	L	H
36638	LECT-DISC	X2	12	MTUWTH	1018	F	L B
36645	LECT-DISC	E1	1	MTUWTH	186	L	H
36652	LECT-DISC	F1	2	MTUWTH	186	L	H
36660	LECT-DISC	F2	2	MTUWTH	432	ARMORY	
36677	LECT-DISC	G	3	MTUWTH	186	L	H
36684	LAB	M3	8-830	M TH	202	L	H
36691	LAB	M4	830-9	M TH	202	L	H
36702	LAB	M5	9-930	M TH	202	L	H
36710	LAB	M6	930-10	M TH	202	L	H
36727	LAB	M7	10-1030	M TH	202	L	H
36734	LAB	M8	1030-11	M TH	202	L	H
36741	LAB	M9	11-1130	M TH	202	L	H
36759	LAB	M10	1130-12	M TH	202	L	H
36766	LAB	M11	12-1230	M TH	202	L	H
36773	LAB	M12	1230-1	M TH	202	L	H
36781	LAB	M13	1-130	M TH	202	L	H
36798	LAB	M14	130-2	M TH	202	L	H
36809	LAB	M15	2-230	M TH	202	L	H
36816	LAB	M16	230-3	M TH	202	L	H
36823	LAB	M17	3-330	M TH	202	L	H
36831	LAB	M18	330-4	M TH	202	L	H
36848	LAB	M19	4-430	M TH	202	L	H
36855	LAB	M20	430-5	M TH	202	L	H
36862	LAB	M21	5-530	M TH	202	L	H
36870	LAB	M22	530-6	M TH	202	L	H
36887	LAB	M25	7-730PM	M TH	202	L	H
36894	LAB	M26	730-8PM	M TH	202	L	H
36905	LAB	M27	8-830PM	M TH	202	L	H
36912	LAB	M28	830-9PM	M TH	202	L	H

GER 103 INTERMEDIATE COURSE, I.

PREREQUISITE: GER. 102, TWO YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.
4 HOURS.
*SECTION D2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL C2 SECTION OF GERMAN 104.
*EMPHASIS IS ON READING IN SECTIONS C2, X2 AND E2.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

36944	LECT-DISC	A1	8	MTUWTH	210	C	A
36951	LECT-DISC	A2	8	MTUWTH	201	N	L
36969	LECT-DISC	B1	9	MTUWTH	210	C	A
36976	LECT-DISC	B2	9	MTUWTH	201	N	L
36983	LECT-DISC	C1	10	MTUWTH	210	C	A
37366	LECT-DISC	*C2	10	MTUWTH	201	N	L
36991	LECT-DISC	C3	10	MTUWTH	301	ARCH	
37003	LECT-DISC	C4	10	MTUWTH	145	ARMORY	
37011	LECT-DISC	D1	11	MTUWTH	210	C	A
37359	LECT-DISC	*D2	11	MTUWTH	432	ARMORY	
37028	LECT-DISC	X1	12	MTUWTH	210	C	A
37373	LECT-DISC	*X2	12	MTUWTH	201	N	L

GER 103 CONTINUED

37035	LECT-DISC	X3	12	MTUWTH	1140	F L B	
37042	LECT-DISC	E1	1	MTUWTH	210	C A	
37381	LECT-DISC	*E2	1	MTUWTH	201	N L	
37050	LECT-DISC	E3	1	MTUWTH	303	N L	
37067	LECT-DISC	F1	2	MTUWTH	210	C A	
37074	LECT-DISC	F2	2	MTUWTH	201	N L	
37081	LECT-DISC	G1	3	MTUWTH	210	C A	
37099	LECT-DISC	G2	3	MTUWTH	201	N L	
37100	LECT-DISC	H	4	MTUWTH	210	C A	
37117	LAB	M3	8-830	M TH	202	L H	
37124	LAB	M4	830-9	M TH	202	L H	
37131	LAB	M5	9-930	M TH	202	L H	
37149	LAB	M6	930-10	M TH	202	L H	
37156	LAB	M7	10-1030	M TH	202	L H	
37163	LAB	M8	1030-11	M TH	202	L H	
37171	LAB	M9	11-1130	M TH	202	L H	
37188	LAB	M10	1130-12	M TH	202	L H	
37195	LAB	M11	12-1230	M TH	202	L H	
37206	LAB	M12	1230-1	M TH	202	L H	
37213	LAB	M13	1-130	M TH	202	L H	
37221	LAB	M14	130-2	M TH	202	L H	
37238	LAB	M15	2-230	M TH	202	L H	
37245	LAB	M16	230-3	M TH	202	L H	
37252	LAB	M17	3-330	M TH	202	L H	
37260	LAB	M18	330-4	M TH	202	L H	
37277	LAB	M19	4-430	M TH	202	L H	
37284	LAB	M20	430-5	M TH	202	L H	
37291	LAB	M21	5-530	M TH	202	L H	
37302	LAB	M22	530-6	M TH	202	L H	
37310	LAB	M25	7-730PM	M TH	202	L H	
37327	LAB	M26	730-8PM	M TH	202	L H	
37334	LAB	M27	8-830PM	M TH	202	L H	
37341	LAB	M28	830-9PM	M TH	202	L H	

GER 104 INTERMEDIATE COURSE, II.

PREREQUISITE: GER. 103, OR THREE YEARS OF HIGH SCHOOL GERMAN, OR EQUIVALENT.
4 HOURS.
*SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS WHO ENROLL IN THIS SECTION MUST ALSO ENROLL IN THE SPECIAL D2 SECTION OF GERMAN 103.
*SECTION X IS EXPOSITORY READING TO SUCCEED GER. 123. STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY. SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

37398	LECT-DISC	A	8	MTUWTH	329	G H	
37409	LECT-DISC	B	9	MTUWTH	329	G H	
37416	LECT-DISC	C1	10	MTUWTH	329	G H	
37708	LECT-DISC	*C2	10	MTUWTH	432	ARMORY	
37423	LECT-DISC	D	11	MTUWTH	329	G H	
37715	LECT-DISC	*X	12	MTUWTH	329	G H	
37431	LECT-DISC	E	1	MTUWTH	329	G H	
37448	LECT-DISC	F	2	MTUWTH	329	G H	
37455	LECT-DISC	G	3	MTUWTH	329	G H	
37462	LAB	M3	8-830	M TH	202	L H	
37470	LAB	M4	630-9	M TH	202	L H	
37487	LAB	M5	9-930	M TH	202	L H	
37494	LAB	M6	930-10	M TH	202	L H	
37505	LAB	M7	10-1030	M TH	202	L H	
37512	LAB	M8	1030-11	M TH	202	L H	
37520	LAB	M9	11-1130	M TH	202	L H	
37537	LAB	M10	1130-12	M TH	202	L H	
37544	LAB	M11	12-1230	M TH	202	L H	
37551	LAB	M12	1230-1	M TH	202	L H	
37569	LAB	M13	1-130	M TH	202	L H	
37576	LAB	M14	130-2	M TH	202	L H	
37583	LAB	M15	2-230	M TH	202	L H	
37591	LAB	M16	230-3	M TH	202	L H	
37601	LAB	M17	3-330	M TH	202	L H	
37619	LAB	M18	330-4	M TH	202	L H	
37626	LAB	M19	4-430	M TH	202	L H	
37633	LAB	M20	430-5	M TH	202	L H	
37641	LAB	M21	5-530	M TH	202	L H	
37658	LAB	M22	530-6	M TH	202	L H	
37665	LAB	M25	7-730PM	M TH	202	L H	
37672	LAB	M26	730-8PM	M TH	202	L H	
37680	LAB	M27	8-830PM	M TH	202	L H	
37697	LAB	M28	830-9PM	M TH	202	L H	

GER 107 READINGS IN GERMAN.
PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.
3 HOURS.

37722	LECT-DISC	X	12	M W F	1046	F L B		ALLEN

GER 111 CONVERSATIONAL GERMAN.
PREREQUISITE: GER. 103, OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO GER. 103.
4 HOURS.

37730	LECT-DISC	X	12	MTUWTH	1048	F L B		

GER 113 PRACTICE IN CONVERSATION.
PREREQUISITE: GER. 102 OR EQUIVALENT. STUDENTS WHO HAVE COMPLETED GER. 104 MAY ENROLL ONLY WITH DEPARTMENTAL PERMISSION.
2 HOURS.

37747	LECT-DISC	M	9	TU TH	1046	F L B		
37754	LECT-DISC	P	11	TU TH	1046	F L B		

GER 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

37761	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES

GER 201 GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

37779	LECT-DISC	C	10	M W F	G 48	F L B		DELL ORTO

GER 202 SOCIETY IN THE NOVEL.
NO KNOWLEDGE OF GERMAN REQUIRED.
3 HOURS.

37786	LECT-DISC	E	1	M W F	1048	F L B		MCGLATHERY

GER 203 GOETHE IN TRANSLATION.
SAME AS C. LIT. 203.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

37793	LECT-DISC	D	11	M W F	307	E B		HAILE

GER 204 MEDIEVAL LITERATURE IN TRANSLATION.
SAME AS C. LIT. 204.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

37804	LECT-DISC	B	9	M W F	111	N L		GRAY

GER 208 GERMAN SOURCE READINGS FROM THE HISTORY OF SCIENCE.
PREREQUISITE: GER. 104 OR FOUR YEARS OF HIGH SCHOOL GERMAN.
3 HOURS.

37811	LECT-DISC	B	9	M W F	1048	F L B		HAILE

GER 210 MASTERPIECES OF GERMAN LITERATURE.
PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT.
3 HOURS.

37829	LECT-DISC	C	10	M W F	336	L H		GRAY
37836	LECT-DISC	D	11	M W F	336	L H		JOHNSON
37843	LECT-DISC	E	1	M W F	336	L H		SELL

GER 211 CONVERSATION AND WRITING, I.
PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT.
3 HOURS.

37851	LECT-DISC	F1	2	MTUWTH	1048	F L B		FIGGE
37868	LECT-DISC	F2	2	MTUWTH	G 46	F L B		SELL
37875	LECT-DISC	G	3	MTUWTH	1048	F L B		SELL

GER 212 CONVERSATION AND WRITING, II.
PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS.

37882	LECT-DISC	F	2	MTUWTH	G 48	F L B		SCHOEPS
37890	LECT-DISC	G	3	MTUWTH	G 48	F L B		SCHOEPS

GER 250 THE GERMAN NOVELLE OF THE NINETEENTH CENTURY.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

37901	LECT-DISC	C	10	M W F	1048	F L B		FIGGE

GER 251 THE GERMAN NOVELLE OF THE TWENTIETH CENTURY.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

37918	LECT-DISC	D	11	M W F	1048	F L B		BURKHARD

GER 252 NINETEENTH CENTURY GERMAN DRAMA.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

37925	LECT-DISC	B	9	M W F	1046	F L B		SCHWALBE

GER 260 LYRICS AND BALLADS.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

37932	LECT-DISC	E	1	M W F	1046	F L B		LORBE

GER 281 TEACHERS COURSE.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.

37940	LECT-DISC	X	12	MTUWTHF	G 48	F L B		GERLACH

GER 291 SENIOR THESIS AND HONORS COURSE, I.
PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

37957	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GER 301 GERMAN LITERATURE TO 1700.
PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

37964	LECT-DISC	C	10	M W F	1046	F L B		STEGEMEIER

GER 303 ADVANCED CONVERSATION, COMPOSITION, AND SYNTAX.
PREREQUISITE: GER. 211 AND 212, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

37971	LECT-DISC	F	2	MTUWTH	336	L H		GERLACH
37989	LECT-DISC	G	3	MTUWTH	336	L H		FOLTER

GER 306 CONTEMPORARY GERMAN POETRY.
PREREQUISITE: GER. 305 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

37996	LECT-DISC	D	11	M W F	1046	F L B		LORBE

GER 320 HISTORY OF GERMAN CIVILIZATION.
PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

38009	LECT-DISC	B	9	MTUW F	G 48	F L B		STEGEMEIER

GER 365 GERMAN PHONOLOGY AND MORPHOLOGY.
PREREQUISITE: THREE YEARS OF COLLEGE GERMAN, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

38016	LECT-DISC	A	8	M W F	1046	F L B		ANTONSEN

GER 392 TOPICS IN GERMAN LITERATURE.
PREREQUISITE: TWO ADVANCED COURSES IN GERMAN LITERATURE.
4 HOURS, OR 3/4 OR 1 UNIT.
*SECTION G TOPIC: HEBBEL.
*SECTION X TOPIC: QUELLENKUNDE UND EDITIONS TECHNIK NEUERER LITERATURWERKE.

38023	LECT-DISC	*G	3-530	M	1046	F L B		GERLACH
38031	LECT-DISC	*X	7-930PM	TU	429	LIB		FOLTER

GER 400 BEGINNING GERMAN FOR GRADUATE STUDENTS.
0 UNIT.

38048	LECT-DISC	A	8	MTUWTH	332	ARMORY	
38055	LECT-DISC	X	12	MTUWTH	432	ARMORY	
38062	LECT-DISC	E	1	MTUWTH	432	ARMORY	

GER 401 READINGS IN GERMAN FOR GRADUATE STUDENTS.
PREREQUISITE: GER. 400 OR EQUIVALENT.
0 UNIT.
*SECTIONS A1 AND X1 DO READINGS IN THE HUMANITIES AND SOCIAL SCIENCES. SECTION A2 DOES READINGS IN THE NATURAL SCIENCES.

38070	LECT-DISC	*A1	8	M W F	432	ARMORY	
38094	LECT-DISC	*A2	8	M W F	336	L H	
38087	LECT-DISC	*X1	12	M W F	336	L H	

GER 411 PROSEMINAR.
PREREQUISITE: CONCURRENT REGISTRATION IN GER. 495.
1 UNIT.

38105	LECT-DISC	F	2-5	F	429	LIB	HAILE

GER 412 PROSEMINAR.
PREREQUISITE: GER. 365 OR EQUIVALENT.
1 UNIT.
TOPIC: PROBLEMS AND METHODS IN GERMANIC LINGUISTICS.

38112	LECT-DISC	F	2-5	F	1046	F L B	RAUCH

GER 415 MIDDLE HIGH GERMAN.
PREREQUISITE: GER. 365.
1 UNIT.

38120	LECT-DISC	F	2	M WTH	1046	F L B	GRAY

GER 441 GERMAN ROMANTICISM.
1 UNIT.

38137	LECT-DISC	T	3-530	TH	1046	F L B	

GER 460 SEMINAR IN OLDER GERMAN LITERATURE.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.
TOPIC: WOLFRAM VON ESCHENBACH.

38144	LECT-DISC	G	3-530	M	429	LIB	MARCHAND

GER 461 SEMINAR IN MODERN GERMAN LITERATURE.
SAME AS C. LIT. 482.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.
SECTION T TOPIC: DICHTERKREISE DES SPATEN 19. UND 20. JAHRHUNDERTS.

38169	LECT-DISC	T	3-530	TU	429	LIB	LORBE
38151	LECT-DISC	Y	ARR				

GER 493 RESEARCH IN SPECIAL TOPICS.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*1/4 TO 2 UNITS.
SECTION E TOPIC: TEACHING OF COLLEGE GERMAN.

38183	CONF	E	1	M W F	216	L H	MARCHAND
38176	CONF	Z	ARR				

GER 495 BIBLIOGRAPHY AND METHODS IN LITERARY HISTORY.
PREREQUISITE: CONCURRENT REGISTRATION IN GER. 411.
1/2 UNIT.

38191	LECT-DISC	H	4-6	W	429	LIB	MARCHAND

GER 499 THESIS RESEARCH.
0 TO 4 UNITS.

38201	CONF		ARR				

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC: DUTCH.
38219 CONF ARR FON WEARINGA

COURSES FOR GRADUATES

426 GOTHIC.
PREREQUISITE: GMC. 367 OR CONSENT OF INSTRUCTOR.
1 UNIT.
38226 LECT-DISC D 11 M W F 194 L H RAUCH

465 COMPARATIVE GERMANIC PHONOLOGY AND MORPHOLOGY.
PREREQUISITE: GMC. 426, OR CONSENT OF INSTRUCTOR.
1 UNIT.
38233 LECT-DISC C 10 M W F 1110 F L B ANTONSEN

GREEK, MODERN--SEE MODERN GREEK

GREEK

DEPARTMENT OFFICE 361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

COURSES FOR UNDERGRADUATES

101 ELEMENTARY GREEK.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GRK 101 WITHOUT GRK 102.
*4 HOURS.
38241 LECT-DISC A 11 MTUWTH 362 L H TAYLOR

112 ELEMENTARY KOINE GREEK.
SAME AS RELST. 112.
PREREQUISITE: GRK. OR RELST. 111, OR EQUIVALENT.
4 HOURS.
38258 LECT-DISC A 9 MTUWTH 1018 F L B ROBBINS

GRK 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
38265 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

GRK 201 SECOND-YEAR GREEK, I.
PREREQUISITE: GRK. 102 OR EQUIVALENT.
4 HOURS.
38272 LECT-DISC A 11 MTUWTH G 18 F L B ALLEN

GRK 291 SENIOR THESIS.
OPEN TO CANDIDATES FOR DISTINCTION IN GREEK.
PREREQUISITE: SENIOR STANDING.
2 TO 4 HOURS.
38280 CONF ARR STAFF

GRK 293 SENIOR SURVEY.
PREREQUISITE: SENIOR STANDING.
2 OR 4 HOURS.
38297 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

GRK 301 THIRD-YEAR GREEK, I.
PREREQUISITE: GREEK 202.
3 HOURS OR 1/2 UNIT.
38308 LECT-DISC A 9 M W F 1 G H HELLER

GRK 311 GREEK PROSE COMPOSITION.
PREREQUISITE: GRK. 201 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.
38315 LECT-DISC A 11 M W F 409 LIB NAOUMIDES

GRK 371 THE GOSPELS.
SAME AS RELST. 371.
PREREQUISITE: GRK. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.
38322 LECT-DISC A 1 M W F 1040 F L B ROBBINS

GRK 383 ORATORY.
PREREQUISITE: GRK. 302 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.
38330 LECT-DISC A 2 M W F 1 G H NEWMAN

UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK.

COURSES FOR GRADUATES

GRK 409 GREEK VERSIFICATION.
1 UNIT.
38347 LECT-DISC A 9-11 M W 409 LIB NAOUMIDES

GRK 423 AESCHYLUS.
1 UNIT.
38354 LECT-DISC A 9-11 TU TH 409 LIB MARCOVICH

GRK 491 DIRECTED READING.
PREREQUISITE: SECOND YEAR GRADUATE STANDING.
*NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.
*1/4 TO 1 UNIT.
38361 CONF ARR STAFF

GRK 495 BIBLIOGRAPHY AND CRITICISM, I.
SAME AS LAT. 495.
PREREQUISITE: FOUR YEARS OF COLLEGE LATIN OR EQUIVALENT.
1/2 UNIT.

38379	LECT-DISC	A	2	TU TH	409	LIB	OLIVER

GRK 499 THESIS RESEARCH.
0 TO 4 UNITS.

38386	CONF		ARR				STAFF

HEALTH EDUCATION

DEPARTMENT OFFICE 114 HUFF GYM

COURSES FOR UNDERGRADUATES

H ED 110 PUBLIC HEALTH.
PREREQUISITE: TWO HOURS CREDIT IN HEALTH SCIENCE OR HEALTH EDUCATION OR SOPHOMORE STANDING.
2 HOURS.

38393	LECT-DISC	P	11	TU TH	144	BEV HALL	O ROURKE

H ED 150 HEALTH AND MODERN LIFE.
PREREQUISITE: CREDIT OR REGISTRATION IN ZOOL. 104, OR CONSENT OF INSTRUCTOR.
3 HOURS.

38404	LECT-DISC	A	8	M W F	144	BEV HALL	O ROURKE
38411	LECT-DISC	D	11	M W F	211	H G	CONLEY
38429	LECT-DISC	E	1	M W F	211	H G	OLSEN
38436	LECT-DISC	F	2	M W F	211	H G	STAFF

H ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

38443	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

H ED 200 MENTAL HEALTH.
2 HOURS.
THIS COURSE WILL BE TAUGHT BY A PSYCHIATRIST.

38451	LECT-DISC	P	11	TU TH	393	BEV HALL	BOSTROM
38468	LECT-DISC	R	1	TU TH	144	BEV HALL	STUBING

H ED 206 SEX EDUCATION AND FAMILY LIFE.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
INSTRUCTORS TEACHING H. ED. 206 ARE CAVINS, CONLEY, KIERSCH, TEIGLER, YARDY, AND YOUNG.

38475	LECT-DISC	A	8	M W	393	BEV HALL	YOUNG
38482	LECT-DISC	B	9	M W	393	BEV HALL	O ROURKE
38490	LECT-DISC	C	10	M W	393	BEV HALL	KIERSCH
38501	LECT-DISC	E	1	M W	393	BEV HALL	YARDY
38518	LECT-DISC	F	2	M W	393	BEV HALL	TEIGLER
38525	LECT-DISC	L	8	TU TH	393	BEV HALL	CAVINS
39532	LECT-DISC	M	9	TU TH	393	BEV HALL	TEIGLER
38540	LECT-DISC	N	10	TU TH	393	BEV HALL	O ROURKE
38557	LECT-DISC	O	11	TU TH	145	ARMORY	STAFF
38564	LECT-DISC	R	1	TU TH	207A	H G	CONLEY
38571	LECT-DISC	S	2	TU TH	207A	H G	CONLEY

H ED 216 MEDICAL TERMINOLOGY CORRELATED WITH COMMUNITY HEALTH PROBLEMS.
PREREQUISITE: JUNIOR STANDING; ENROLLMENT IN THE OCCUPATIONAL THERAPY CURRICULUM.
3 HOURS.

38589	LECT-DISC	E	1	M W F	144	BEV HALL	TEIGLER

H ED 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

38596	LAB-DISC	D1	ARR				STAFF

H ED 260 HONORS SEMINAR.
SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

38607	LECT-DISC	&X1	7-9PM	W	210	FREER GYM	
38614	LECT-DISC	&X2	7-9PM	W	15	E B	

H ED 281 FIRST AID.
2 HOURS.

38621	LECT-DISC	L	8	TU TH	211	H G	STAFF
38639	LECT-DISC	N	10	TU TH	211	H G	STAFF
38646	LECT-DISC	P	11	TU TH	211	H G	STAFF
38653	LECT-DISC	R	1	TU TH	211	H G	STAFF
38661	LECT-DISC	S	2	TU TH	211	H G	STAFF

H ED 282 ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
3 HOURS.
ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN ROOM 400 HUFF GYM.
SECTION D IS FOR HEALTH MAJORS AND MINORS ONLY.

38678	LECT-DISC	A	8	M W F	211	H G	OLSEN
38692	LECT-DISC	*D	11	M W F	137	ARMORY	BROWN
38685	LECT-DISC	F	2	M W F	207	H G	STAFF

H ED 285 SEX EDUCATION FOR TEACHERS.
PREREQUISITE: ADVANCED STANDING.
2 HOURS.

38703	LECT-DISC	T	3	TU TH	207A	H G	CONLEY

H ED 289 HEALTH EDUCATION FIELD WORK.
PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION.

38711	LAB-DISC		ARR				OLSEN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H ED 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., PHYSL., PSYCH., SOC., V. M. S., AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

38728	LECT-DISC		11	M W F	112	C A	SHIMKIN & OTHERS

H ED 390 PUBLIC HEALTH EDUCATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN HEALTH EDUCATION OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

38735	LECT-DISC	N	10-12	TU	349	ARMORY	OLSEN

H ED 392 HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE.
3 HOURS OR 1/2 UNIT.

38742	LECT-DISC	H	4-6	W	428	ARMORY	BROWN AND O REILLY

COURSES FOR GRADUATES

ED 400 SCIENTIFIC FOUNDATIONS OF HEALTH EDUCATION.
PREREQUISITE: UNDERGRADUATE COURSES BEYOND THE ELEMENTARY LEVEL IN THE BIOLOGICAL AND PHYSICAL SCIENCES AND IN HEALTH EDUCATION.
1 UNIT.

38750	LECT-DISC	U	4-6	TU	207A H G	BROWN AND CRESWELL

ED 490 SEMINAR.
PREREQUISITE: H. ED. 495.

38767	LECT-DISC		ARR		400 H G	HUFFMAN

ED 493 SPECIAL PROJECTS.
PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR EQUIVALENTS, DOCTORAL CANDIDATE.
*MAY BE REPEATED TO A MAXIMUM OF 2 UNITS.
*1/2 TO 2 UNITS.

38774	CONF		ARR			STAFF

ED 495 RESEARCH METHODS IN HEALTH AND SAFETY EDUCATION.
PREREQUISITE: EDPSY. 390 OR EQUIVALENT.
1/2 OR 1 UNIT.

38781	LECT-DISC	U	4-6	TH	207A H G	CRESWELL &
	LAB	U	9-11	F	400 H G	HUFFMAN

ED 499 THESIS RESEARCH.
PREREQUISITE: H. ED. 495.
1/2 TO 2 UNITS.

38799	CONF		ARR			STAFF

HEBREW, MODERN--SEE MODERN HEBREW

HEBREW

DEPARTMENT OFFICE 361 L H

COURSES FOR UNDERGRADUATES

HEBR 110 INTRODUCTION TO BIBLICAL HEBREW.
SAME AS RELST. 108.
4 HOURS.

38800	LECT-DISC	A	10	MTUWTH	362 L H	MARBLESTONE

HEBR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

38817	CONF		ARR			MARBLESTONE

HIGHER EDUCATION

DEPARTMENT OFFICE 341 ARMORY

COURSES FOR GRADUATES

HI ED 442 JUNIOR COLLEGE.
SAME AS VOTEC. 442.
1 UNIT.

38824	LECT-DISC	A	7-9PM	TU	330	ARMORY	ANDERSON
38831	LECT-DISC	B	1-3	TU	331	ARMORY	O'BANION

HI ED 443 THE COLLEGE STUDENT.
1 UNIT.

38849	LECT-DISC	7-9PM	TH	330	ARMORY	STAFF

HI ED 467 THE AMERICAN COLLEGE AND UNIVERSITY.
1 UNIT.

38856	LECT-DISC	3-5	M	428	ARMORY	FLEY

HI ED 477 STUDENT PERSONNEL WORK IN HIGHER EDUCATION.
1 UNIT.

38863	LECT-DISC	1-3	W	329	ARMORY	O'BANION

HI ED 480 INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

38871	CONF	ARR				STAFF

HINDI

DEPARTMENT OFFICE 309H D H

COURSES FOR UNDERGRADUATES

HINDI 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

38888	LECT-DISC	ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

HINDI 201 ELEMENTARY HINDI, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR HINDI 201 WITHOUT HINDI 202.
5 HOURS.

38895	LECT-DISC		2	M WTHF	1110	F L B	SUBBARAO
38906	LAB-DISC	A	1	TU	G 32	F L B	BHATIA
38913	LAB-DISC	B	9	TU	1438	M E B	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HINDI 303 INTERMEDIATE HINDI, I.
PREREQUISITE: HINDI 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

38921	LECT		1	TH	1110	F L B	SUBBARAO
			1	M W F	1438	M E B	SUBBARAO
38938	LAB-DISC	A	2	F	1126	F L B	BHATIA,
38945	LAB-DISC	B	3	TH	1018	F L B	STAFF

HINDI 305 ADVANCED HINDI, I.
PREREQUISITE: HINDI 304 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

38952	LECT-DISC		1	MTUW F	204	N L	SUBBARAO,
			3	W	204	N L	BHATIA, STA

INDI 307 ADVANCED HINDI, III.
PREREQUISITE: HINDI 306 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

38960	LECT-DISC	2-330	TU TH	355	1208 W CAL	Y. KACHRU

INDI 309 READINGS IN HINDI LITERATURE IN TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

38977	LECT-DISC	230-4	M F	1438	M E B	BHATIA, STAFF

HISTORY

DEPARTMENT OFFICE 309 G H

MAJOR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREREQUISITE: ONE FRESHMAN-SOPHOMORE SURVEY COURSE SEQUENCE (HISTORY 111-112, 131-132, 151-152, 171-172, 173-174, 181-182;) MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EUROPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASIA, NEAR AND MIDDLE EAST, AND AFRICA. ALL MAJORS ARE REQUIRED TO TAKE HISTORY 298; TO BE ELIGIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NOT INCLUDING MORE THAN FOUR HOURS OPEN TO FRESHMEN, IN ONE OR TWO OF THE FOLLOWING: ANCIENT OR MODERN LANGUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECONOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, ASIAN STUDIES OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR, EXCLUDING THE COURSES IN HISTORY.

COURSES FOR UNDERGRADUATES

HIST 111 HISTORY OF WESTERN CIVILIZATION TO 1815.
4 HOURS.
*DISCUSSION 6S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

38984	LECT		9	TU TH		AUDITORIUM	TREXLER
38991	DISC	A1	8	W F	133	ARMORY	
39004	DISC	A2	8	W F	430	ARMORY	
39011	DISC	B1	8	W F	331	G H	
39029	DISC	B2	9	W F	133	ARMORY	
39036	DISC	C1	9	W F	319	G H	
39043	DISC	C2	9	W F	111	G H	
39051	DISC	D1	10	W F	133	ARMORY	
39068	DISC	D2	10	M W	430	ARMORY	
39075	DISC	E	10	TU TH	313	G H	
39082	DISC	F	11	W F	133	ARMORY	
39090	DISC	G	11	M W	331	G H	
39101	DISC	H	11	M W	106	L H	
39118	DISC	J	11	TU TH	313	G H	
39125	DISC	K	12	TU TH	430	ARMORY	
39132	DISC	L	12	TU TH	331	G H	
39140	DISC	L1	12	TU TH	313	G H	
39157	DISC	L2	12	M W	331	G H	
39164	DISC	L3	12	W F	133	ARMORY	
39171	DISC	M	1	W F	133	ARMORY	
39189	DISC	N	1	W F	430	ARMORY	
39196	DISC	O	1	M W	331	G H	
39207	DISC	P	1	TU TH	133	ARMORY	
39214	DISC	R	1	TU TH	430	ARMORY	
39221	DISC	T	1	TU TH	331	G H	
39239	DISC	U	2	TU TH	133	ARMORY	
39246	DISC	W	2	TU TH	430	ARMORY	
39253	DISC	X	2	TU TH	331	G H	
39261	DISC	X1	2	TU TH	428	ARMORY	

HIST 111 CONTINUED

39342	DISC	*&S	2	TU TH	307	G H	
39278	DISC	X2	2	M W	133	ARMORY	
39285	DISC	X3	2	M W	428	ARMORY	
39292	DISC	X4	3	TU TH	331	G H	
39303	DISC	X5	3	TU TH	133	ARMORY	
39311	DISC	X6	3	TU TH	307	G H	
39328	DISC	X7	3	M W	133	ARMORY	
39335	DISC	X8	3	M W	331	G H	

HIST 131 HISTORY OF ENGLAND TO 1688.
4 HOURS.
*DISC. &S--RESERVED FOR JAMES SCHOLARS AND STUDENTS OF VERY HIGH STANDING.

39350	LECT		11	M W	L H THEATRE		FOSTER
39367	DISC	A	8	TU TH	133	ARMORY	
39374	DISC	B	8	TU TH	430	ARMORY	
39381	DISC	C	9	TU TH	133	ARMORY	
39399	DISC	D	9	TU TH	430	ARMORY	
39400	DISC	E	10	TU TH	133	ARMORY	
39417	DISC	F	10	TU TH	430	ARMORY	
39424	DISC	G	11	TU TH	133	ARMORY	
39431	DISC	H	11	TU TH	319	G H	
39449	DISC	J	12	M W	430	ARMORY	
39456	DISC	K	12	TU TH	111	G H	
39463	DISC	L	1	M W	111	G H	
39471	DISC	M	1	TU TH	111	G H	
39488	DISC	N	1	TU TH	313	G H	
39545	DISC	*&S	2	M W	111	G H	FOSTER
39495	DISC	O	2	TU TH	111	G H	
39506	DISC	P	2	TU TH	313	G H	
39513	DISC	R	2	TU TH	106	L H	
39521	DISC	T	3	TU TH	111	G H	
39538	DISC	U	3	M W	146	ARMORY	

HIST 151 HISTORY OF THE UNITED STATES TO 1877.
*STUDENTS ARE NOT GIVEN CREDIT FOR HIST. 151 IN ADDITION TO 260 OR 261.
*4 HOURS.

39552	LECT		9	TU TH	L H THEATRE		FARNHAM
39560	DISC	A	8	W F	428	ARMORY	
39577	DISC	B	9	W F	428	ARMORY	
39584	DISC	C	9	W F	430	ARMORY	
39591	DISC	D	9	W F	106	L H	
39602	DISC	E	10	TU TH	428	ARMORY	
39610	DISC	F	10	TU TH	106	L H	
39627	DISC	G	10	W F	428	ARMORY	
39634	DISC	H	10	W F	331	G H	
39641	DISC	J	11	TU TH	430	ARMORY	
39794	DISC	&S	11	TU TH	307	G H	
39659	DISC	K	11	TU TH	428	ARMORY	
39666	DISC	L	11	W F	146	ARMORY	
39673	DISC	M	11	W F	430	ARMORY	
39681	DISC	N	12	TU TH	428	ARMORY	
39698	DISC	O	12	TU TH	106	L H	
39709	DISC	P	12	M W	146	ARMORY	
39716	DISC	R	12	W F	428	ARMORY	
39723	DISC	T	1	TU TH	428	ARMORY	
39731	DISC	U	1	TU TH	307	G H	
39748	DISC	W	1	M W	146	ARMORY	
39755	DISC	X1	1	W F	428	ARMORY	
39762	DISC	X2	2	W F	146	ARMORY	
39770	DISC	X3	3	TU TH	428	ARMORY	
39787	DISC	X5	10	TU TH	307	G H	

HIST 152 HISTORY OF THE UNITED STATES, 1877 TO THE PRESENT.
*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
*4 HOURS.
DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

39805	DISC	A	8	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39812	DISC	B	8	TU TH	428	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39820	DISC	C	8	TU TH	331	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER

HIST 152 CONTINUED

39837	DISC	D	9	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39844	DISC	E	9	TU TH	428	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39851	DISC	F	9	TU TH	331	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39869	DISC	G	9	TU TH	106	L H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39876	DISC	H	10	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39883	DISC	J	10	TU TH	215	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39891	DISC	K	10	M W	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39901	DISC	L	10	M W	307	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39919	DISC	L1	11	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39926	DISC	L2	11	TU TH	43	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39933	DISC	L3	12	TU TH	221	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39941	DISC	L4	12	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39958	DISC	L5	1	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39965	DISC	L6	1	TU TH	106	L H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39972	DISC	L7	2	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39980	DISC	L8	2	TU TH	152	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
39997	DISC	L9	3	TU TH	146	ARMORY	
	LECT	I	9	M W	L H THEATRE		KRUEGER
40003	DISC	L10	3	TU TH	313	G H	
	LECT	I	9	M W	L H THEATRE		KRUEGER
40011	DISC	M	8	W F	146	ARMORY	
	LECT	II	2	M W	112	G H	WALLER
40028	DISC	N	8	TU TH	111	G H	
	LECT	II	2	M W	112	G H	WALLER
40035	DISC	O	9	TU TH	111	G H	
	LECT	II	2	M W	112	G H	WALLER
40042	DISC	P	9	W F	146	ARMORY	
	LECT	II	2	M W	112	G H	WALLER
40050	DISC	R	9	TU TH	221	G H	
	LECT	II	2	M W	112	G H	WALLER
40067	DISC	T	10	M W	319	G H	
	LECT	II	2	M W	112	G H	WALLER
40074	DISC	U	10	TU TH	319	G H	
	LECT	II	2	M W	112	G H	WALLER
40081	DISC	W	11	M W	428	ARMORY	
	LECT	II	2	M W	112	G H	WALLER
40099	DISC	X1	12	M W	111	G H	
	LECT	II	2	M W	112	G H	WALLER
40100	DISC	X2	12	TU TH	307	G H	
	LECT	II	2	M W	112	G H	WALLER
40117	DISC	X3	1	W F	390	L H	
	LECT	II	2	M W	112	G H	WALLER
40124	DISC	X4	1	TU TH	315	G H	
	LECT	II	2	M W	112	G H	WALLER
40131	DISC	X5	1	M W	307	G H	
	LECT	II	2	M W	112	G H	WALLER
40156	DISC	ES	2	TU TH	319	G H	
	LECT	II	2	M W	112	G H	WALLER
40149	DISC	X6	3	TU TH	430	ARMORY	
	LECT	II	2	M W	112	G H	WALLER

HIST 168 INDIAN CIVILIZATION AND SOCIETY.
SAME AS ANTH. 168.
3 HOURS.

40163	LECT		2	M W F	135	A S L	KLING

HIST 171 HISTORY OF EAST ASIA, I.
4 HOURS.

40171	LECT		11	M W F	66	LIB	CRAWFORD
40188	DISC	A	1	M	430	ARMORY	
40195	DISC	B	1	W	313	G H	
40206	DISC	C	2	M	430	ARMORY	
40213	DISC	D	2	W	430	ARMORY	
40221	DISC	E	3	TU	106	L H	
40238	DISC	G	3	TH	106	L H	

HIST 173 TRADITIONAL ISLAMIC CIVILIZATION IN THE NEAR AND MIDDLE EAST, TO 1700.
4 HOURS.

40245	LECT		10	M W F	111	G H	JENNINGS
40252	DISC	A	10	TU	111	G H	
40260	DISC	B	1	M	313	G H	

HIST 181 THE ANCIENT WORLD. ANCIENT EMPIRES AND GREECE.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR.
3 HOURS.

40277	LECT		2	M W	319	G H	MITCHELL
40284	DISC	A	1	TH	331	ARMORY	
40291	DISC	B	2	TH	331	ARMORY	
40302	DISC	C	1	F	146	ARMORY	

HIST 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

40310	DISC		1-230	TU TH	150	ARMORY	FOSTER

HIST 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

40327	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

HIST 211 THE CONTEMPORARY WORLD: POLITICAL, IDEOLOGICAL, AND INTERNATIONAL FORCES.
3 HOURS.

40334	LECT		9	M W F	114	D K H	SUMLER

HIST 216 HISTORY OF EAST AND SOUTHERN AFRICA.
3 HOURS.

40341	LECT		9	M W F	313	AMRORY	STEWART

HIST 219 SURVEY OF RUSSIAN HISTORY FROM EARLY TIMES TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR.
3 HOURS.

40359	LECT		1	M W F	213	G H	RANSEL

HIST 248 SCIENCE IN WESTERN CIVILIZATION, II.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR PHILOSOPHY OR CONSENT OF INSTRUCTOR.
3 HOURS.

40366	LECT		10	M W F	313	G H	APPLEBAUM

HIST 260 COLONIAL BEGINNINGS AND EARLY UNITED STATES HISTORY TO 1815.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH HIST. 151 AND 260.
*3 HOURS.

40373	LECT		2	M W F	213	G H	MCCOLLEY

HIST 261 THE UNITED STATES IN THE NINETEENTH CENTURY.
*STUDENTS WHO RECEIVE CREDIT FOR HIST. 261 MAY NOT RECEIVE CREDIT FOR HIST. 151, 356, OR 359.
*3 HOURS.
LECT. A IS AN ACCELERATED SECTION FOR TEACHER TRAINEES. IT IS OPEN ONLY TO STUDENTS TAKING ED. PR. 241 AND 242, AND WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

40381	LECT		1	M W F	114	D K H	JOHANNSEN
40398	LECT	A	1	MTUWTHF	319	G H	

HIST 262 THE UNITED STATES IN THE TWENTIETH CENTURY.
*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
*3 HOURS.

40409	LECT		8	M W F	213	G H	BATES

HIST 271 FRENCH COLONIZATION OF NORTH AMERICA, 1500 TO 1778.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS.

40416	LECT		11	TU	111	G H	BELTING
			10-12	TH	111	G H	

HIST 290 TEACHING OF HISTORY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, SENIOR STANDING.
2 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

40423	LECT		8	M W F	307	G H	DAHL

HIST 293 THESIS.
PREREQUISITE: HISTORY MAJOR WITH SENIOR STANDING AND A 4.0 GRADE-POINT AVERAGE, AND WRITTEN CONSENT OF THE HONORS ADVISOR.
*STUDENTS MAY ACCUMULATE 6 HOURS.
*3 HOURS.

40431	CONF	&	ARR				STAFF

HIST 295 READING COURSE.
PREREQUISITE: JUNIOR OR SENIOR OF HIGH STANDING AND WRITTEN CONSENT OF THE HONORS ADVISOR.
2 TO 4 HOURS.

40448	CONF	&	ARR				STAFF

HIST 298 COLLOQUIUM IN HISTORY.
PREREQUISITE: ENROLLMENT AS A HISTORY MAJOR OR HISTORY TEACHER TRAINEE, WITH SENIOR STANDING.
3 HOURS.

40455	DISC	A	1-3	W	137	ARMORY	BELTING
40462	DISC	B	3-5	M	151	ARMORY	KLING
40470	DISC	C	1-3	TU	304	G H	SIRICH
40487	DISC	D	1-3	M	137	ARMORY	UROFF
40494	DISC	E	3-5	TU	151	ARMORY	SUTTON
40505	DISC	F	1-3	M	315	ARMORY	PIERSON
40512	DISC	G	1-3	W	304	G H	HILL
40520	DISC	H	1-3	TH	304	G H	TREXLER
40537	DISC	J	ARR				CRAWFORD
40544	DISC	L	1-3	TU	446K	G H	MCCOLLEY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NOTE--ONE YEAR OF COLLEGE HISTORY IS REQUIRED EXCEPT WHERE NOTED.

HIST 301 THE EARLY MIDDLE AGES, FIFTH CENTURY TO ELEVENTH CENTURY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

40551	LECT		2	M W F	101	ARMORY	QUELLER

HIST 307 CLASSICAL ISLAM: THE NEAR EAST FROM MOHAMMED TO THE CRUSADES.
SAME AS RELST. 307.
3 HOURS, OR 1/2 OR 1 UNIT.

40569	LECT		9	M W F	313	G H	JENNINGS

HIST 308 THE EUROPEANIZATION OF THE NEAR EAST, 1768 TO 1914.
3 HOURS, OR 1/2 OR 1 UNIT.

40576	LECT		8	M W F	111	G H	DAWN

HIST 309 DEVELOPMENT OF MODERN EUROPE: ABSOLUTISM AND COLONIAL EXPANSION, 1648 TO 1789.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40583	LECT		2	M W F	106	L H	SIRICH

HIST 311 EUROPEAN HISTORY FROM 1815 TO 1871.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40591	LECT		11	M W F	319	G H	NICHOLS

HIST 313 EUROPEAN HISTORY FROM 1918 TO 1939.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40601	LECT		10	M W F	141	COM W	SUMLER

HIST 315 ECONOMIC AND SOCIAL HISTORY OF EUROPE TO 1815.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ECONOMICS, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40619	LECT	9	M W F	112	G H	MCKAY

HIST 318 MODERN EUROPEAN DIPLOMATIC HISTORY, 1789 TO 1890.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40626	LECT	8	M W F	223	G H	SCHROEDER

HIST 320 RUSSIA FROM THE EARLIEST TIMES TO PETER THE GREAT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40633	LECT	8	M W F	319	G H	UROFF

HIST 327 RUSSIA FROM 1855 TO THE BOLSHEVIK REVOLUTION OF 1917.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40641	LECT	130-3	TU TH	218	CER	FISHER

HIST 329 HISTORY OF SOUTHEASTERN EUROPE, FOURTEENTH TO THE EIGHTEENTH CENTURY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40658	LECT	2	M W F	313	G H	HITCHINS

HIST 338 HISTORY OF COSMOLOGY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR PHILOSOPHY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40665	LECT	11	M W F	111	G H	APPLEBAUM

HIST 342 MODERN BRITAIN SINCE 1900.
3 HOURS, OR 1/2 OR 1 UNIT.

40672	LECT	9	M W F	223	G H	ARNSTEIN

HIST 345 CONSTITUTIONAL HISTORY OF ENGLAND TO 1485.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40680	LECT	11	M W F	223	G H	HILL

HIST 352 COLONIAL BEGINNINGS OF AMERICAN LIFE AND INSTITUTIONS.
3 HOURS, OR 1/2 OR 1 UNIT.

40697	LECT	10	M W F	223	G H	KIM

HIST 356 AMERICA IN THE AGE OF JACKSON.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

40708	LECT	3	M W F	314	A H	JOHANNSEN

HIST 357 ECONOMIC HISTORY OF THE UNITED STATES, 1775 TO 1860.
3 HOURS, OR 1/2 OR 1 UNIT.

40715	LECT	9	M W F	331	G H	SPENCE

HIST 362 HISTORY OF THE UNITED STATES SINCE 1932.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, POLITICAL SCIENCE OR ECONOMICS.
3 HOURS, OR 1/2 OR 1 UNIT.

40722	LECT	11	M W F	112	G H	KRUEGER

HIST 365 THE HISTORY OF ILLINOIS TO 1870.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*MEETS FIRST SIX AND LAST FOUR WEEKS.

40730	LECT	11	M W F	313	G H	SUTTON

HIST 369 CONSTITUTIONAL DEVELOPMENT OF THE UNITED STATES TO 1865.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.

40747	LECT	1	M W F	106	L H	FARNHAM

HIST 374 IMPERIALISM, 1870-1919.
PREREQUISITE: ONE YEAR SURVEY COURSE IN HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

40754	LECT		9	TU TH	223	G H	HEINRICHS
40761	DISC	A	3	TH	221	G H	HEINRICHS
40779	DISC	B	1	TU	215	G H	HEINRICHS
40786	DISC	C	1	TH	215	G H	HEINRICHS

HIST 377 HISTORY OF MODERN BRAZIL, 1808 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ENROLLMENT IN THE LATIN-AMERICAN STUDIES PROGRAM.
3 HOURS, OR 1/2 OR 1 UNIT.

40793	LECT		3	M W F	307	G H	LOVE

HIST 381 ANCIENT GREEK STATES.
3 HOURS, OR 1/2 OR 1 UNIT.

40804	LECT		2	M W F	125	D K H	SEAGER

HIST 383 HISTORY OF THE ROMAN REPUBLIC TO 44 B. C.
3 HOURS, OR 1/2 OR 1 UNIT.

40811	LECT		9	M W F	307	G H	MITCHELL

HIST 386 TOPICS OF WEST AFRICAN HISTORY.
PREREQUISITE: HIST. 215 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40829	LECT		2-330	TU TH	223	G H	STEWART

HIST 390 CHINA UNDER THE CHING DYNASTY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40836	LECT		2	M W F	331	G H	EASTMAN

HIST 391 A HISTORY OF CHINA TO 906 A. D.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

40843	LECT		10-1130	TU TH	331	G H	WECHSLER

HIST 396 MODERN JAPAN.
3 HOURS, OR 1/2 OR 1 UNIT.

40851	LECT		11	M W F	307	G H	PIERSON

COURSES FOR GRADUATES

HIST 403 PROBLEMS IN EUROPEAN HISTORY TO 1815.
1 UNIT.
TOPIC: EARLY MIDDLE AGES.

40868	DISC		3-5	TH	304	G H	QUELLER

HIST 404 PROBLEMS IN MODERN EUROPEAN HISTORY SINCE 1815.
1 UNIT.
*SECTION A TOPIC: THE BALKANS.
*SECTION B TOPIC: GERMAN HISTORY, 1870-1918.
*SECTION C TOPIC: RUSSIA.
*SECTION D TOPIC: BRITAIN 1830-1950.

40875	DISC	*A	1-3	TH	446K	G H	HITCHINS
40882	DISC	*B	1-3	F	446K	G H	NICHOLS
40890	DISC	*C	3-5	F	446K	G H	RANSEL
40901	DISC	*D	1-3	M	304	G H	ARNSTEIN

HIST 408 PROBLEMS IN AMERICAN HISTORY SINCE 1865.
1 UNIT.
TOPIC: WORLD WAR I AND THE 1920'S.

40918	DISC		3-5	TU	446K	G H	BATES

HIST 409 PROBLEMS IN ASIAN HISTORY.
1 UNIT.

40925	DISC		ARR				EASTMAN

HIST 411 SEMINAR IN ANCIENT HISTORY--GREECE.
1 UNIT.

40932	DISC		3-5	TU	304	G H	SEAGER

HIST 415 SEMINAR IN MEDIEVAL HISTORY.
1 UNIT.
TOPIC: MEDIEVAL MONASTICISM.

40940	DISC		1-3	M	446K	G H	HILL

HIST 421 SEMINAR IN EUROPEAN HISTORY SINCE 1815.
1 UNIT.

40957	DISC		1-3	F	304	G H	MCKAY

HIST 441 SEMINAR IN NEAR AND MIDDLE EASTERN HISTORY.
1 UNIT.

40964	DISC		3-5	M	304	G H	DAWN

HIST 445 SEMINAR IN EAST ASIAN HISTORY.
1 UNIT.

40971	DISC		ARR				WECHSLER

HIST 451 SEMINAR IN EARLY AMERICAN HISTORY TO 1789.
1 UNIT.

40989	DISC		3-5	TH	446K	G H	KIM

HIST 453 SEMINAR IN AMERICAN HISTORY SINCE 1789.
1 UNIT.
*SECTION A: TRANS-MISSISSIPPI WEST.
*SECTION B: AMERICAN DIPLOMATIC.

40996	DISC	*A	3-5	M	446K	G H	SPENCE
41009	DISC	*B	1-3	W	446K	G H	HEINRICHS

HIST 496 HISTORY OF HISTORIOGRAPHY.
1 UNIT.

41016	LECT		1-3	F	111	G H	SCHROEDER

HIST 497 READING COURSE.
PREREQUISITE: MASTERS DEGREE OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

41023	CONF		ARR				STAFF

HIST 499 THESIS RESEARCH.
0 TO 4 UNITS.

41031	CONF		ARR				STAFF

HISTORY AND PHILOSOPHY OF EDUCATION

DEPARTMENT OFFICE 369 EDUC

COURSES FOR ADVANCED UNDERGRADUATES

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION.
PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED. 101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY EDUCATION) PSYCH. 100 ONLY.
2 HOURS.
SECTIONS A1, A2, A3 AND A4 ARE ONLY FOR THOSE STUDENTS WHO CANNOT BE SCHEDULED IN LECTURE A, AND WHO NEED THE COURSE FOR GRADUATION. SECTION A5 IS RESERVED FOR STUDENTS WHO ARE ALSO ENROLLED IN EDUC. 100.

41048	LECT	A	11-1	TU TH	L H THEATRE		FEINBERG
41055	DISC	1	11-1	TU	25	EDUC	STAFF
41062	DISC	2	11-1	TH	28	EDUC	STAFF
41070	DISC	3	11-1	TU	28	EDUC	STAFF
41087	DISC	4	11-1	TH	21	D K H	STAFF
41094	DISC	5	11-1	TU	33	EDUC	STAFF
41105	DISC	6	11-1	TH	389	EDUC	STAFF
41112	DISC	7	11-1	TU	389	EDUC	STAFF

HP ED 201 CONTINUED

41120	DISC	8	11-1		TH	151	ARMORY	STAFF
41137	DISC	9	11-1	TU		151	ARMORY	STAFF
41144	DISC	10	11-1		TH	153	ARMORY	STAFF
41151	DISC	11	11-1	TU		153	ARMORY	STAFF
41169	DISC	12	11-1		TH	19	D K H	STAFF
41176	DISC	13	11-1	TU		19	D K H	STAFF
41183	DISC	14	11-1		TH	224	D K H	STAFF
41191	DISC	15	11-1	TU		21	D K H	STAFF
41201	DISC	16	11-1		TH	317A	D K H	STAFF
41219	LECT-DISC	A1	10-12	M		382	EDUC	STAFF
41226	LECT-DISC	A2	4-6		W	36	COM W	STAFF
41233	LECT-DISC	A3	7-9PM		TH	36	COM W	STAFF
41241	LECT-DISC	A4	10-12	M		315	G H	STAFF
41258	LECT-DISC	A5	ARR					STAFF

HP ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

41265	CONF		ARR					STAFF

HP ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

41272	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HP ED 300 THE HISTORY OF EDUCATION.
PREREQUISITE: JUNIOR STANDING.
3 HOURS OR 1/2 UNIT.

41280	LECT-DISC		4-6		W	137	ARMORY	STAFF

HP ED 301 PHILOSOPHY OF EDUCATION.
2 HOURS OR 1/2 UNIT.

41297	LECT-DISC		3-5		W	192	EDUC	ENNIS

HP ED 302 HISTORY OF AMERICAN EDUCATION.
2 HOURS OR 1/2 UNIT.

41308	LECT-DISC	A	4-6	M		1	EDUC	VIOLAS
41315	LECT-DISC	B	4-6		TU	137	ARMORY	VIOLAS

HP ED 303 COMPARATIVE EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 TO 1 UNIT.
*SECTION B: FOR MAJORS ONLY.

41322	LECT-DISC	A	3-5		TH	1	EDUC	PESHKIN
41330	LECT-DISC	*B	3-5		TH	150	ARMORY	PELCZAR

HP ED 304 SOCIAL FOUNDATIONS OF EDUCATION.
2 HOURS OR 1/2 UNIT.

41347	LECT-DISC	A	7-9PM		TH	100	G H	STAFF
41354	LECT-DISC	B	7-9PM	M		213	G H	BURNETT

HP ED 305 HISTORY OF EDUCATIONAL IDEAS.
2 HOURS OR 1/2 UNIT.

41361	LECT-DISC	A	7-9PM		W	213	G H	MCMURRAY
41379	LECT-DISC	B	3-5		TH	143	ARMORY	STAFF
41386	LECT-DISC	C	3-5	TU		1	EDUC	YATES

HP ED 306 INTRODUCTION TO AESTHETIC EDUCATION.
2 OR 3 HOURS, OR 1/2 OR 1 UNIT.

41393	LECT-DISC	A	3-5		W	29	EDUC	R. SMITH

HP ED 386 EDUCATION AND INTERNATIONAL RELATIONS.
PREREQUISITE: HP. ED. 303 OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS, OR 1/2 TO 1 UNIT.

41404	LECT-DISC	A	2-4	TU		91	COM W	PESHKIN

HP ED 400 PROBLEMS OF EDUCATIONAL THEORY.
PREREQUISITE: HP. ED. 301.
1 UNIT.

41411	LECT-DISC	A	7-9PM	TH	25	EDUC	MCMURRAY

HP ED 402 EDUCATIONAL MOVEMENTS IN THE TWENTIETH CENTURY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

41429	LECT-DISC		7-9PM	M	28	EDUC	VIOLAS

HP ED 408 ADVANCED PHILOSOPHY OF EDUCATION, I.
PREREQUISITE: HP. ED. 301 OR 305 OR ADVANCED GRADUATE STANDING, CONSENT OF INSTRUCTOR.
1 UNIT.

41436	LECT-DISC		7-9PM	M	389	EDUC	BROUDY

HP ED 410 SEMINAR IN THEORIES OF EDUCATIONAL AND SOCIAL CHANGE.
ONLY OPEN TO CANDIDATES FOR THE ED. D. OR PH. D. IN EDUCATION.
1 UNIT.

41443	LECT-DISC	A	1-3	TU	389	EDUC	BURNETT
41451	LECT-DISC	B	1-3	W	385	EDUC	STAFF
41468	LECT-DISC	C	1-3	M	385	EDUC	STAFF

HP ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

41475	CONF		ARR				STAFF

HP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN HISTORY AND PHILOSOPHY OF EDUCATION.
PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF INSTRUCTOR.
*NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE IN ANY ONE SEMESTER.
*1 TO 2 UNITS.
SECTION A: HISTORY OF EDUCATION.
SECTION C: COMPARATIVE EDUCATION
SECTION E: METHODS OF RESEARCH.

41482	LECT-DISC	A	3-5	M	382	EDUC	KARIER
41490	LECT-DISC	E	3-5	TU	25	EDUC	ENNIS
41501	LECT-DISC	C	ARR				PELCZAR

DEPARTMENT OFFICE 260 BEV HALL

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FOR NON-MAJOR STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105, 132, 133, 160, 171, 182, 183, 184, 210, 260, 270, AND 285.

COURSES FOR UNDERGRADUATES

H EC 100 ORIENTATION TO HOME ECONOMICS.
REQUIRED OF FRESHMEN ENTERING THE DEPARTMENT DURING SUMMER OR FALL SESSIONS.

41518	LECT		9	F	314	A H		

H EC 105 CHILD AND FAMILY.
4 HOURS.

41525	LECT		11	M W F	135	A S L		JOHNSON, MILLS
41532	LAB-DISC	A	9-11	TU	12	C D		
41540	LAB-DISC	B	9-11	W	12	C D		
41557	LAB-DISC	C	9-11	TH	208	C D		
41564	LAB-DISC	D	9-11	F	12	C D		
41571	LAB-DISC	E	2-4	TU	12	C D		
41589	LAB-DISC	F	2	W	208	C D		
41596	LAB-DISC	G	3	W	12	C D		

H EC 120 ELEMENTARY NUTRITION.
FOR NON-HOME ECONOMICS MAJORS.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

41607	LECT-DISC		1	TU TH	242	BEV HALL		LAFONT

H EC 125 FOOD SELECTION AND PREPARATION.
FOR NON-HOME ECONOMICS MAJORS.
PREREQUISITE: SOPHOMORE STANDING.
3 HOURS.

41614	LECT		12	F	135	A S L		DOWNEY
41621	LAB	A	10-12	M W	338	BEV HALL		DOWNEY
41639	LAB	B	3-5	M W	338	BEV HALL		DOWNEY
41646	LAB	C	1-3	TU TH	338	BEV HALL		GLOVER
41653	LAB	D	10-12	TU TH	338	BEV HALL		DOWNEY

H EC 132 FOODS AND NUTRITION.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 101.
3 HOURS.

41661	LAB-DISC	A	8-10	M W F	358	BEV HALL		JOHNSON
41678	LAB-DISC	B	8-10	M W F	376	BEV HALL		
41685	LAB-DISC	C	10-12	M W F	376	BEV HALL		GLOVER
41692	LAB-DISC	D	1-3	M W F	376	BEV HALL		GLOVER

H EC 133 FOOD MANAGEMENT.
PREREQUISITE: H. EC. 132.
2 HOURS.
CLASSES ARE HELD DURING NOON HOURS ONLY WHEN MEALS ARE SERVED.

41703	LAB-DISC	A	1-3	M	358	BEV HALL		JOHNSON
		A	12-3	W	358	BEV HALL		
41711	LAB-DISC	B	10-12	TU	358	BEV HALL		JOHNSON
		B	10-1	TH	358	BEV HALL		

H EC 160 THE HOME AND ITS FURNISHINGS.
4 HOURS.

41728	LECT		9	TU TH	135	A S L		ALEXANDER
41735	LAB	A	10-12	M W	222	BEV HALL		BERMAN
41742	LAB	B	1-3	M W	222	BEV HALL		BERMAN
41750	LAB	C	3-5	M W	222	BEV HALL		
41767	LAB	D	10-12	TU TH	222	BEV HALL		BERMAN
41774	LAB	E	1-3	TU TH	222	BEV HALL		BERMAN
41781	LAB	F	3-5	TU TH	222	BEV HALL		

H EC 171 HOME MANAGEMENT.
2 HOURS.

41799	LECT-DISC	A	10	W F	449	BEV HALL	GUTHRIE
41800	LECT-DISC	B	2	TU TH	328	BEV HALL	
41817	LECT-DISC	C	2	M W	328	BEV HALL	
41824	LECT-DISC	D	3	M W	328	BEV HALL	

H EC 182 CLOTHING LABORATORY.
2 HOURS.
*SECTIONS B AND D ARE RESERVED FOR STUDENTS WITH FORMAL TRAINING IN CLOTHING CONSTRUCTION IN EITHER HIGH SCHOOL OR 4-H WORK.
*SECTIONS A1, B1, C1, AND D1 ARE FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, AND VOCATIONAL HOME ECONOMICS EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, C2, OR D2.

41871	LAB	*A1	10-12	M W	122	BEV HALL	BANNER
41895	LAB	*A2	10-12	M W	122	BEV HALL	BANNER
41831	LAB	*B1	3-5	M W	122	BEV HALL	ZWOLANEK
41856	LAB	*B2	3-5	M W	122	BEV HALL	ZWOLANEK
41888	LAB	*C1	10-12	TU TH	122	BEV HALL	
41906	LAB	*C2	10-12	TU TH	122	BEV HALL	
41849	LAB	*D1	3-5	TU TH	122	BEV HALL	ZWOLANEK
41863	LAB	*D2	3-5	TU TH	122	BEV HALL	ZWOLANEK

H EC 183 CONSUMER TEXTILES.
2 HOURS.

41913	LAB	A	8-10	M W	208	BEV HALL	TREBILCOCK
41921	LAB	B	10-12	M W	208	BEV HALL	TREBILCOCK
41938	LAB	C	3-5	M W	208	BEV HALL	BANNER
41945	LAB	D	10-12	TU TH	208	BEV HALL	BANNER
41952	LAB	E	1-3	TU TH	208	BEV HALL	

H EC 184 CLOTHING SELECTION.
PREREQUISITE: CREDIT OR REGISTRATION IN ART 185.
2 HOURS.

41960	LAB	A	8-10	M W	132	BEV HALL	BANNER
41977	LAB	B	10-12	M W	132	BEV HALL	ANSPACH
41984	LAB	C	10-12	TU TH	132	BEV HALL	ANSPACH
41991	LAB	D	1-3	TU TH	132	BEV HALL	BANNER

H EC 193 TEXTILE ARTS FOR OCCUPATIONAL THERAPY.
PREREQUISITE: ART 185.
4 HOURS.

42004	LAB		8-12	TU TH	174	BEV HALL	RIIS

H EC 196 WEAVING.
3 HOURS.
*SECTION A1 IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, AND ART EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

42011	LAB	*A1	2-5	M W	174	BEV HALL	RIIS
42029	LAB	*A2	2-5	M W	174	BEV HALL	

COURSES FOR ADVANCED UNDERGRADUATES

H EC 202 LABORATORY IN CHILD DEVELOPMENT.
PREREQUISITE: H. EC. 105, PSYCH. 100 OR 103.
2 HOURS.
*LECTURE 1 AND #1 LAB SECTIONS ARE FOR HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, SOCIAL WELFARE, EARLY CHILDHOOD EDUCATION, AND ELEMENTARY EDUCATION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND ANY #2 LAB SECTION.

42036	LECT	*1	3-5	M	12	C D	HARRISON
42125	LECT	*2	3-5	M	12	C D	NURSERY SCHOO
42043	LAB	*A1	9	TU TH	219	C D	STAFF
42132	LAB	*A2	9	TU TH	219	C D	
42051	LAB	*B1	11	TU TH	219	C D	
42140	LAB	*B2	11	TU TH	219	C D	
42068	LAB	*C1	9	W F	219	C D	
42157	LAB	*C2	9	W F	219	C D	
42075	LAB	*D1	11	W F	219	C D	
42164	LAB	*D2	11	W F	219	C D	

H EC 202 CONTINUED

42082	LAB	*E1	2-4	TU	219	C D		
42171	LAB	*E2	2-4	TU	219	C D		
42090	LAB	*F1	2-4	W	219	C D		
42189	LAB	*F2	2-4	W	219	C D		
42101	LAB	*G1	2-4	TH	219	C D		
42196	LAB	*G2	2-4	TH	219	C D		
42118	LAB	*H1	2-4	F	219	C D		
42207	LAB	*H2	2-4	F	219	C D		

H EC 203 CHILD DEVELOPMENT: PERIOD OF INFANCY AND EARLY CHILDHOOD.
PREREQUISITE: H. EC. 105 OR PSYCH. 216.
4 HOURS.

42214	LECT		2	M W F	12	C D		JOHNSON
	LAB		10-12	TH	12	C D		

H EC 210 FAMILY RELATIONSHIPS.
3 HOURS.

42221	LECT	A	1	M W F	12	C D		
42239	LECT	B	11	M W F	12	C D		

H EC 220 PRINCIPLES OF NUTRITION.
PREREQUISITE: CHEM. 102, H. EC. 132, AND PHYSL. 103.
3 HOURS.

42246	LECT		11	M F	242	BEV HALL		BROWN
	LAB		10-12	W	328	BEV HALL		BROWN

H EC 231 FOODS.
PREREQUISITE: CHEM. 102; H. EC. 133.
3 HOURS.

42253	LECT		1	F	242	BEV HALL		LAFONT
42261	LAB	A	1-4	M W	362	BEV HALL		LAFONT
42278	LAB	B	8-11	TU TH	362	BEV HALL		LAFONT

H EC 240 QUANTITY FOOD PRODUCTION AND SERVICE.
PREREQUISITE: FOOD HANDLERS CERTIFICATE, ECON. 108, H. EC. 231,
CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH H. EC. 240 AND 351.
*3 OR 5 HOURS.
SECTION C WILL MEET 8-1230 ON DAYS TO BE ARRANGED.

42285	LECT		4	W	291	BEV HALL		CRUSIUS
42292	LAB	A	8-1230	M W F	292	BEV HALL		
42303	LAB	B	8-1230	TU TH	292	BEV HALL		
42311	LAB	C	ARR		292	BEV HALL		

H EC 260 INTERIORS AND FURNITURE, I.
PREREQUISITE: ART 119, 185, OR EQUIVALENT.
3 HOURS.

42328	LECT		10	M W	242	BEV HALL		ALEXANDER
	LAB		10	F	242	BEV HALL		ALEXANDER
			11	F	222	BEV HALL		ALEXANDER

H EC 262 INTERIOR DESIGN.
PREREQUISITE: H. EC. 160, 261; ART 118, 120, 123.
3 HOURS.

42335	LAB-DISC		2-5	TU TH	234	BEV HALL		ALEXANDER

H EC 270 FAMILY FINANCIAL MANAGEMENT.
PREREQUISITE: ECON. 102 AND 103 OR 108, H. EC. 171.
3 HOURS.

42342	LECT		9	M W F	242	BEV HALL		GUTHRIE

H EC 271 HOME MANAGEMENT.
FOR NON-HOME ECONOMICS MAJORS.
2 HOURS.

42350	LECT-DISC		11	TU TH	328	BEV HALL		GUTHRIE

H EC 273 HOME MANAGEMENT.
PREREQUISITE: ECON. 102 AND 103, OR 108, H. EC. 105, 133, 160, 171, 183, 184, CONSENT OF INSTRUCTOR.
3 HOURS.
*ADDITIONAL HOURS TO BE ARRANGED.
STUDENTS RESIDE IN HOME MANAGEMENT HOUSE FOR FOUR WEEKS.

42367	LECT-DISC		*8	TU TH	154 BEV HALL	GUTHRIE
	LAB		*1-3	TU TH	1202 W GREEN	
			*12	MTUWTHF	1202 W GREEN	

H EC 281 NON-TEXTILE APPAREL AND ACCESSORY MATERIALS.
PREREQUISITE: H. EC. 183.
2 HOURS.

42374	LAB		3-5	TU TH	208 BEV HALL	TREBILCOCK

H EC 285 HISTORY OF COSTUME.
2 HOURS.
*SECTIONS A1 AND B1 FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, ART EDUCATION, THEATRE-ACTING, THEATRE-DIRECTING AND PLAYWRITING, THEATRE-TECHNOLOGY AND DESIGN, THEATRE-ART, ADVERTISING, NEWS-EDITORIAL, AND RADIO AND TELEVISION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2 AND B2.

42381	LECT	*A1	9	TU TH	242 BEV HALL	TREBILCOCK
42400	LECT	*A2	9	TU TH	242 BEV HALL	TREBILCOCK
42399	LECT	*B1	1	M W	242 BEV HALL	TREBILCOCK
42417	LECT	*B2	1	M W	242 BEV HALL	TREBILCOCK

H EC 286 CLOTHING DESIGN--FLAT PATTERN.
PREREQUISITE: ART 186 OR 120, H. EC. 182, 183 AND 184.
3 HOURS.

42424	LAB	A	2-5	TU TH	108 BEV HALL	ANSPACH

H EC 287 CONSUMER CLOTHING PROBLEMS.
PREREQUISITE: ECON. 108, H. EC. 183 OR 184, PSYCH. 100 OR 103. SOC. 100.
2 HOURS.

42431	LECT-DISC		2	TU TH	242 BEV HALL	ZWOLANEK

H EC 291 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
3 TO 5 HOURS.
*LECT-DISC &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

42449	LECT-DISC	A	ARR			STAFF
42456	LECT-DISC	*&B	ARR			STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

H EC 301 ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.
PREREQUISITE: H. EC. 202 AND 203, CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
EACH STUDENT ARRANGES FOR ONE LABORATORY PERIOD ON T W T OR F.
*LAB &E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.
*LAB I OPEN TO GRADUATE STUDENTS ONLY AND WILL MEET 9-12 ON DAYS TO BE ARRANGED.

42463	LECT-DISC		1	TU TH	12 C D	MOWRER
42471	LAB	A	9-12	TU	109 C D	NURSERY SCHOOL
42488	LAB	B	9-12	W	109 C D	STAFF
42495	LAB	C	9-12	TH	109 C D	
42506	LAB	D	9-12	F	109 C D	
42545	LAB	*&E	2-5	TU	109 C D	
42513	LAB	F	2-5	W	109 C D	
42521	LAB	G	2-5	TH	109 C D	
42538	LAB	H	2-5	F	109 C D	
42552	LAB	*I	9-12		ARR	

H EC 322 PHYSICAL GROWTH AND NUTRITION.
PREREQUISITE: H. EC. 220, SENIOR STANDING, CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

42560	LECT		B	TU TH	449 BEV HALL	BROWN

EC 330 EXPERIMENTAL FOODS.
PREREQUISITE: H. EC. 231, MCBIO. 100, 101.
*FOR 1 UNIT TWO ADDITONAL HOURS WILL BE SCHEDULED.
*3 HOURS, OR 3/4 OR 1 UNIT.

42577	LECT	1	TU	328	BEV HALL	
	LAB	2-5	TU	362	BEV HALL	
		1-4	TH	362	BEV HALL	

EC 345 INSTITUTION AND RESTAURANT MANAGEMENT--FOOD PURCHASING AND EQUIPMENT SELECTION.
PREREQUISITE: ECON. 108, CREDIT OR REGISTRATION IN H. EC. 240.
FIELD TRIP, ESTIMATED COST $20.
*CREDIT IS NOT GIVEN FOR BOTH H. EC. 345 AND H. EC. 351.
*3 HOURS OR 1/2 UNIT.

42584	LECT	2	M W F	291	BEV HALL	HUNZICKER

EC 349 MUSIC IN EARLY CHILDHOOD.
SAME AS MUSIC 349.
PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD DEVELOPMENT.
2 HOURS OR 1/2 UNIT.

42591	LECT-DISC	A	7-9PM	TH	100 S H	R SMITH

I EC 370 FAMILY ECONOMICS.
SAME AS AG. EC. 370.
PREREQUISITE: ECON. 102 OR 108, A COURSE IN APPLIED STATISTICS, SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT.
*LECTURE &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

42602	LECT	A	3-430	TU TH	242 BEV HALL	DUNSING
42610	LECT	*&B	3-430	TU TH	242 BEV HALL	DUNSING

H EC 375 HOME EQUIPMENT.
PREREQUISITE: H. EC. 171; SIX ADVANCED HOURS IN HOME ECONOMICS INCLUDING ONE OF THE FOLLOWING: H. EC. 231, 273, 380; SENIOR STANDING; CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

42627	LECT-DISC	A	9	M W	166 BEV HALL	ANDERSON
	LAB	A	9-11	TU TH	166 BEV HALL	ANDERSON
42634	LECT-DISC	B	9	M W	166 BEV HALL	ANDERSON
	LAB	B	1-3	M W	166 BEV HALL	ANDERSON

H EC 378 PROBLEMS IN HOME MANAGEMENT.
PREREQUISITE: H. EC. 270 OR 262, CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

42641	CONF		ARR			ALEXANDER GOODYEAR

H EC 379 PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS.
PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN APPLIED STATISTICS, H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR, SENIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

42659	CONF		ARR			DUNSING

H EC 380 ADVANCED TEXTILES.
PREREQUISITE: H. EC. 183; CHEM. 102.
4 HOURS OR 1 UNIT.
*LAB &C IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

42666	LECT		1-3	F	208 BEV HALL	
42673	LAB	A	1-3	M W	208 BEV HALL	
42681	LAB	B	8-10	TU TH	208 BEV HALL	
42698	LAB	*&C	1-3	M W	208 BEV HALL	

H EC 388 PROBLEMS IN TEXTILES AND CLOTHING.
PREREQUISITE: H. EC. 286 OR 380, OR MKTG. 211, MINIMUM GRADE POINT AVERAGE OF 3.5, SENIOR STANDING IN HOME ECONOMICS, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

42709	CONF		ARR			ANSPACH, RIIS AND TREBILCOCK

H EC 410 PROBLEMS IN FAMILY LIVING.
PREREQUISITE: H. EC. 210.
1 UNIT.

42716	LECT		3-5	M W	208	C D	MOWRER

H EC 422 SEMINAR IN NUTRITION.
PREREQUISITE: GRADUATE STANDING AND UNDERGRADUATE DEGREE IN HOME ECONOMICS WITH EMPHASIS ON FOODS AND NUTRITION OR COMPARABLE BACKGROUND IN BIOCHEMISTRY, MICROBIOLOGY, PHYSIOLOGY, OR OTHER BIOLOGICAL SCIENCE.
1/2 OR 1 UNIT.

42723	DISC		ARR	449	BEV HALL	MCKEY

H EC 487 SEMINAR IN CLOTHING.
PREREQUISITE: UNDERGRADUATE CURRICULUM WITH MAJORS IN TEXTILES AND CLOTHING, HOME ECONOMICS EDUCATION, HOME ECONOMICS EXTENSION OR GENERAL HOME ECONOMICS.
1/2 OR 1 UNIT.

42731	DISC		ARR	ANSPACH

H EC 493 ADVANCED STUDIES IN HOME ECONOMICS.
1/2 OR 1 UNIT.
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
* A--THE CHILD AND THE FAMILY
* B--FAMILY AND CONSUMPTION ECONOMICS
* C--FOODS
* D--NUTRITION
* E--TEXTILES AND CLOTHING

42748	CONF	*A	ARR	STAFF
42755	CONF	*B	ARR	STAFF
42762	CONF	*C	ARR	STAFF
42770	CONF	*D	ARR	STAFF
42787	CONF	*E	ARR	STAFF

H EC 499 THESIS RESEARCH.
0 TO 4 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
* A--THE CHILD AND THE FAMILY MILLS
* B--FAMILY AND CONSUMPTION ECONOMICS DUNSING
* C--FOODS VAN DUYNE
* D--NUTRITION HASKELL SMITH
* E--TEXTILES AND CLOTHING

42794	CONF	*A	ARR	STAFF
42805	CONF	*B	ARR	STAFF
42812	CONF	*C	ARR	STAFF
42820	CONF	*D	ARR	STAFF
42837	CONF	*E	ARR	STAFF

HORTICULTURE

DEPARTMENT OFFICE 124 M H

COURSES FOR UNDERGRADUATES

HORT 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., AGRON., AND D. S. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.
*FOR VETERINARY MEDICINE STUDENTS ONLY.

42844	LAB	1	1-3	TU	W 13	T H		ALEXANDER
	LECT		2	M W	W109	T H		AND OTHERS
42851	LAB	2	3-5	TU	W 13	T H		
	LECT		2	M W	W109	T H		
42869	LAB	3	1-3	TH	W 13	T H		
	LECT		2	M W	W109	T H		
42876	LAB	4	*3-5	M	W 13	T H		
	LECT		*2	M W	W109	T H		
42883	LAB	5	*2-4	F	W 13	T H		
	LECT		*2	M W	W109	T H		

HORT 122 GREENHOUSE MANAGEMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN BOT. 100.
3 HOURS.

42891	LECT		8	M F	103	FLOR		SAUPE
42901	LAB	A	10-12	W	101	FLOR		
42919	LAB	B	8-10	W	101	FLOR		

HORT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

42926	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES

HORT 210 HOME GROUNDS PLANNING AND DESIGN.
PREREQUISITE: L. A. 152 OR CONSENT OF INSTRUCTOR.
4 HOURS.

42933	LECT		1	TU TH	101	FLOR		NELSON
	LAB		10-12	TU TH	234	BEV HALL		

HORT 221 PLANT PROPAGATION.
PREREQUISITE: BOT. 100 OR EQUIVALENT.
3 HOURS.

42941	LECT		1	M F	103	FLOR		MEYER
42958	LAB	A	1-3	W	101	FLOR		
42965	LAB	B	2-4	F	101	FLOR		

HORT 223 FLORICULTURAL CROPS PRODUCTION, I.
PREREQUISITE: HORT. 122.
3 HOURS.

42972	LECT-DISC		10	M W F	103	FLOR		CULBERT
	LAB		11	M W F	101	FLOR		

HORT 231 FLORAL DECORATIONS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

42980	LECT	A	9	TU	103	FLOR		CULBERT
42997	LECT	B	9	TH	103	FLOR		
43000	LAB	A	10-12	TU TH	101	FLOR		
43017	LAB	B	3-5	M W	101	FLOR		
43024	LAB	C	3-5	TU TH	101	FLOR		

HORT 233 FLORICULTURE FOR THE HOME.
NOT OPEN TO STUDENTS IN THE ORNAMENTAL HORTICULTURE CURRICULUM.
3 HOURS.

43031	LECT		9	M W F	103	FLOR		FOSLER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HORT 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION. WRITTEN CONSENT OF THE INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS, OR 1/2 TO 2 UNITS.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

43049	CONF			ARR					
43056	CONF	*&B		ARR					STAFF

HORT 321 FLORICULTURAL PHYSIOLOGY.
PREREQUISITE: BOT. 330 AND 335 OR EQUIVALENT, AND ONE SEMESTER OF ORGANIC CHEMISTRY.
4 HOURS OR 1 UNIT.

43063	LECT-DISC		2	M	W	F	103	FLOR	STAFF
			1			F	101	FLOR	

HORT 323 PRINCIPLES OF PLANT BREEDING.
SAME AS AGRON. 323.
PREREQUISITE: BOT. 100, AGRON. 110 OR EQUIVALENT.
4 HOURS OR 1 UNIT.
FIELD TRIP--ESTIMATED EXPENSE $5.00.

43071	LECT-DISC		10	M	W	F	W115	T H	LAMBERT/MILLER
	LAB		1-3		TH		W121	T H	

HORT 333 PLANT PHYSIOLOGY LABORATORY.
SAME AS BOT. 333.
PREREQUISITE: CREDIT OR REGISTRATION IN BOT. 330 OR EQUIVALENT; A COURSE IN ORGANIC CHEMISTRY.
3 HOURS OR 3/4 UNIT.

43088	LECT-DISC		10			S	405	N H B	NANCE AND
43095	LAB	M	9-12	TU TH			405	N H B	DICKINSON
43106	LAB	R	1-4	TU TH			405	N H B	

HORT 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S. D. S., F. S. FOR., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

43113	LAB-DISC	1	1-3	TU			W223	T H	SEIF
	LECT		9	TU TH			120	ARCH	
43121	LAB-DISC	2	3-5	TU			W223	T H	
	LECT		9	TU TH			120	ARCH	
43138	LAB-DISC	3	1-3	W			W223	T H	
	LECT		9	TU TH			120	ARCH	
43145	LAB-DISC	4	3-5	W			W223	T H	
	LECT		9	TU TH			120	ARCH	

HORT 345 GROWTH AND DEVELOPMENT OF HORTICULTURAL CROPS.
PREREQUISITE: BOT. 330 OR EQUIVALENT OR CONSENT OF INSTRUCTOR; SENIOR STANDING.
4 HOURS OR 1 UNIT.
*ONE LAB HOUR TO BE ARRANGED.

43152	LECT		*11	M	W	F	103	FLOR	SPLITTSTOESSER
	LAB		*ARR						

HORT 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES.
SAME AS ENTOM. 361 AND ZOOL. 361.
PREREQUISITE: ONE SEMESTER OF ENTOMOLOGY OR ZOOLOGY.
ONE OR MORE LOCAL FIELD TRIPS.
2 HOURS OR 1/2 UNIT.

43160	LECT-DISC		1	TU TH			W115	T H	JAYCOX

COURSES FOR GRADUATES

HORT 447 HORTICULTURE SEMINAR.
PREREQUISITE: GRADUATE STANDING IN HORTICULTURE OR ALLIED FIELDS.
1/4 UNIT.

43177	LECT-DISC		4		W		W115	T H	STAFF

HORT 492 SPECIAL TOPICS IN HORTICULTURE.
PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
1/2 TO 2 UNITS.

43184	CONF		ARR	STAFF

HORT 499 THESIS RESEARCH.
REQUIRED FOR MAJOR IN HORTICULTURE.
PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
0 TO 4 UNITS.

43191	CONF		ARR	STAFF

HUMANITIES

COURSES FOR UNDERGRADUATES

HUMAN 114 RUSSIAN CIVILIZATION.
SAME AS RUSS. 114.
NO KNOWLEDGE OF RUSSIAN REQUIRED.
4 HOURS.

43202	LECT-DISC	C	10	MTUWTH	392	L H

HUMAN 151 THE HUMANITIES IN WESTERN CULTURE, I.
PREREQUISITE: SOPHOMORE STANDING OR JAMES SCHOLAR FRESHMAN, OR FRESHMAN STANDING WITH EXEMPTION FROM RHET. 101.
4 HOURS.

43210	LECT-DISC	A	10-12	M W	240	ADMIN
43227	LECT-DISC	B	10-12	M W	433	ARMORY
43234	LECT-DISC	C	2-4	M W	240	ADMIN
43241	LECT-DISC	D	8-10	TU TH	240	ADMIN
43259	LECT-DISC	E	8-10	TU TH	433	ARMORY
43266	LECT-DISC	F	10-12	TU TH	240	ADMIN
43273	LECT-DISC	G	10-12	TU TH	433	ARMORY
43281	LECT-DISC	H	2-4	TU TH	240	ADMIN
43298	LECT-DISC	I	8-10	W F	240	ADMIN
43309	LECT-DISC	J	8-10	W F	433	ARMORY

COURSES FOR ADVANCED UNDERGRADUATES

HUMAN 201 INTRODUCTION TO THE OLD TESTAMENT.
SAME AS RELST. 201.
OPEN TO SOPHOMORES IN GOOD STANDING.
3 HOURS.

43316	LECT-DISC	A	9	M W F	101	ARMORY	MARBLESTONE
43323	LECT-DISC	B	10	M W F	66	LIB	SCHOEDEL

HUMAN 215 ARTS IN THE TWENTIETH CENTURY, I.
PREREQUISITE: 3.5 GRADE POINT AVERAGE.
4 HOURS.

43331	LECT-DISC		1	M W F	196	L H	DUNDAS

HUMAN 255 INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION, I.
SAME AS FR. 255.
NOT OPEN TO STUDENTS MAJORING IN FRENCH.
4 HOURS.

43348	LECT-DISC		1	M W F	G 32	F L B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

HUMAN 317 TWENTIETH CENTURY LITERATURE IN TRANSLATION.
SAME AS RUSS. 317.
NO KNOWLEDGE OF RUSSIAN REQUIRED.
3 HOURS OR 1 UNIT.

43355	LECT-DISC	G	3	M W F	392	L H

HUMAN 363 INTRODUCTION TO COMPARATIVE LITERATURE, I.
SAME AS C. LIT. 363.
3 HOURS OR 3/4 UNIT.

43362	LECT-DISC	D	11	TU TH	116	L H	SMALLEY
43370	LECT-DISC	E	2	TU TH	170	L H	SMALLEY

INDONESIAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

INDON 201 ELEMENTARY INDONESIAN, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR INDON. 201 WITHOUT INDON. 202.
5 HOURS.
OPEN TO FRESHMEN.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

43387	LECT-DISC	*2	M W F	94	COM W	KARTASASMITA
		*1	TU	94	COM W	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

INDON 303 INTERMEDIATE INDONESIAN, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: INDON. 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
*TWO ADDITIONAL HOURS TO BE ARRANGED.

43394	LECT-DISC	*3	M W F	94	COM W	KARTASASMITA

INDUSTRIAL ENGINEERING

DEPARTMENT OFFICE 144 M E B

COURSES FOR UNDERGRADUATES

I E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

43405	CONF	Y	ARR

COURSES FOR ADVANCED UNDERGRADUATES

I E 230 LABOR RELATIONS.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS.

43412	LECT-DISC	C	10	M W F	235	M E B

I E 232 METHODS - TIME ANALYSIS.
PREREQUISITE: M. E. 185, OR EQUIVALENT; JUNIOR STANDING.
3 HOURS.

43420	LAB-DISC	E	1-3	M W	235	M E B

I E 282 PROCESS PLANNING AND ECONOMY IN MANUFACTURING.
PREREQUISITE: M. E. 185 OR EQUIVALENT: SENIOR STANDING IN ENGINEERING.
3 HOURS.

43437	LECT	K	8	TU TH	218	M E B
43444	LAB	L3	9-12	TH	135	M E B
43451	LAB	Q1	2-5	TU	135	M E B

I E 286 OPERATIONS ANALYSIS.
PREREQUISITE: I. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR.
3 HOURS.

43469	LECT-DISC	B	9	M W F	243	M E B	

I E 288 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN.
PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 282 AND 286.
3 HOURS.

43476	LECT	CQ3	10	M F	243	M E B	
	LAB	CQ3	2-5	TH	243	M E B	

I E 290 SENIOR PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING.
*MAY BE REPEATED FOR CREDIT.
*2 HOURS.

43483	CONF	Y	ARR				

I E 291 SEMINAR.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR.

43491	LECT	H	4	M	253	M E B	

I E 293 SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.

43501	CONF	Z	ARR				

I E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

43519	CONF	&Z	ARR				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

I E 305 PRINCIPLES OF ERGONOMICS.
SAME AS P. E. AND PHYSL. 305.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

43526	LECT		2	MTUWTH	253	M E B	HERTIG, JOHNSON, AND OTHERS

I E 332 STANDARD TIME SYSTEMS.
PREREQUISITE: I. E. 232.
3 HOURS, OR 3/4 OR 1 UNIT.

43533	LECT-DISC		8-10	TU TH	235	M E B	PIGAGE

I E 333 ENGINEERING APPLICATIONS OF STATISTICS.
PREREQUISITE: MATH. 263 OR MATH. 363.
3 HOURS, OR 3/4 OR 1 UNIT.

43541	LECT-DISC	D	11	M W F	243	M E B	HENRY
43558	LECT-DISC	G	3	M W F	243	M E B	HENRY

I E 355 NUMERICAL CONTROL OF MANUFACTURING PROCESSES.
PREREQUISITE: M. E. 185 OR CONSENT OF INSTRUCTOR; BACKGROUND IN COMPUTER TECHNOLOGY.
3 HOURS, OR 3/4 TO 1 UNIT.

43565	LECT-DISC		2	M W F	135	M E B	DOYLE

I E 357 SAFETY ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

43572	LECT-DISC		8	M W F	236	M E B	HARPER

I E 382 DESIGN OF MANUFACTURING PROCESSING SYSTEMS.
PREREQUISITE: M. E. 185, C. S. 101, AND M. E. 234.
3 HOURS, OR 3/4 OR 1 UNIT.

43580	LAB-DISC	P	8	TU TH	218	M E B	DOYLE
43597	LAB	L1	9-12	TU	135	M E B	DOYLE
43608	LAB	Q3	2-5	TH	135	M E B	DOYLE

I E 386 INDUSTRIAL ENGINEERING ANALYSIS.
PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

43615	LECT-DISC		11	M W F	253	M E B

I E 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS, OR 1/2 TO 1 UNIT.

43622	CONF	Y	ARR
43630	CONF	Z	ARR

COURSES FOR GRADUATES

I E 401 SCIENTIFIC MANAGEMENT, I.
SAME AS B. ADM. 401.
PREREQUISITE: I. E. 386 AND MATH. 361, OR CONSENT OF INSTRUCTOR.
1 UNIT.

43647	LECT-DISC		3-5	TU TH	204	M E L	MURPHREE

I E 416 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS, 1.
SAME AS C. E. 416.
PREREQUISITE: B. S. IN CIVIL ENGINEERING OR INDUSTRIAL ENGINEERING;
CREDIT OR REGISTRATION IN MATH. 363, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*INDUSTRIAL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION LM.

43654	LECT-DISC	*CE	8-920	TU TH	419	E H	
43661	LECT-DISC	*LM	8-920	TU TH	243	M E B	DESSOUKY

I E 453 WORK-MEASUREMENT.
PREREQUISITE: I. E. 332.
1 UNIT.

43679	LECT-DISC		ARR				PIGAGE

I E 458 LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING.
1/2 TO 1 1/2 UNITS.

43686	CONF		ARR				DESSOUKY, DOYLE, HARPER, HENRY, PIGAGE

I E 473 ERGONOMICS SEMINAR.
SAME AS P. E. AND PHYSL. 473.
PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: PROBLEMS OF THE AGING WORKER.

43693	DISC		3-5	TH	136	BUR HALL	HERTIG

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

COURSES FOR UNDERGRADUATES

ITAL 101 ELEMENTARY ITALIAN, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT ITAL. 102.
*4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS K3-K22.

43704	LECT-DISC	A	8	TUWTHF	170	L H
43711	LECT-DISC	C	10	TUWTHF	108	L H
43729	LECT-DISC	X	12	MTUWTH	230	L H
43736	LECT-DISC	E	1	MTUWTH	118	L H
43743	LAB	K3	8-830	TU TH	202	L H
43751	LAB	K4	830-9	TU TH	202	L H
43768	LAB	K5	9-930	TU TH	202	L H
43775	LAB	K6	930-10	TU TH	202	L H
43782	LAB	K7	10-1030	TU TH	202	L H
43790	LAB	K8	1030-11	TU TH	202	L H
43801	LAB	K9	11-1130	TU TH	202	L H
43818	LAB	K10	1130-12	TU TH	202	L H
43825	LAB	K11	12-1230	TU TH	202	L H
43832	LAB	K12	1230-1	TU TH	202	L H
43840	LAB	K13	1-130	TU TH	202	L H
43857	LAB	K14	130-2	TU TH	202	L H
43864	LAB	K15	2-230	TU TH	202	L H
43871	LAB	K16	230-3	TU TH	202	L H
43889	LAB	K17	3-330	TU TH	202	L H
43896	LAB	K18	330-4	TU TH	202	L H
43907	LAB	K19	4-430	TU TH	202	L H
43914	LAB	K20	430-5	TU TH	202	L H
43921	LAB	K21	5-530	TU TH	202	L H
43939	LAB	K22	530-6	TU TH	202	L H

ITAL 102 ELEMENTARY ITALIAN, II.
PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS L3-L22.

43946	LECT-DISC	X	12	MTUWTH	108	L H
43953	LAB	L3	8-830	TU TH	202	L H
43961	LAB	L4	830-9	TU TH	202	L H
43978	LAB	L5	9-930	TU TH	202	L H
43985	LAB	L6	930-10	TU TH	202	L H
43992	LAB	L7	10-1030	TU TH	202	L H
44005	LAB	L8	1030-11	TU TH	202	L H
44012	LAB	L9	11-1130	TU TH	202	L H
44020	LAB	L10	1130-12	TU TH	202	L H
44037	LAB	L11	12-1230	TU TH	202	L H
44044	LAB	L12	1230-1	TU TH	202	L H
44051	LAB	L13	1-130	TU TH	202	L H
44069	LAB	L14	130-2	TU TH	202	L H
44076	LAB	L15	2-230	TU TH	202	L H
44083	LAB	L16	230-3	TU TH	202	L H
44091	LAB	L17	3-330	TU TH	202	L H
44101	LAB	L18	330-4	TU TH	202	L H
44119	LAB	L19	4-430	TU TH	202	L H
44126	LAB	L20	430-5	TU TH	202	L H
44133	LAB	L21	5-530	TU TH	202	L H
44141	LAB	L22	530-6	TU TH	202	L H

ITAL 103 INTERMEDIATE ITALIAN, I.
PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M22.

44158	LECT-DISC	C	10	TUWTHF	170	L	H	
44165	LECT-DISC	E	1	MTUWTH	230	L	H	
44172	LAB	M3	8-830	W F	202	L	H	
44180	LAB	M4	830-9	W F	202	L	H	
44197	LAB	M5	9-930	W F	202	L	H	
44208	LAB	M6	930-10	W F	202	L	H	
44215	LAB	M7	10-1030	W F	202	L	H	
44222	LAB	M8	1030-11	W F	202	L	H	
44230	LAB	M9	11-1130	W F	202	L	H	
44247	LAB	M10	1130-12	W F	202	L	H	
44254	LAB	M11	12-1230	W F	202	L	H	
44261	LAB	M12	1230-1	W F	202	L	H	
44279	LAB	M13	1-130	W F	202	L	H	
44286	LAB	M14	130-2	W F	202	L	H	
44293	LAB	M15	2-230	W F	202	L	H	
44304	LAB	M16	230-3	W F	202	L	H	
44311	LAB	M17	3-330	W F	202	L	H	
44329	LAB	18	330-4	W F	202	L	H	
44336	LAB	M19	4-430	W F	202	L	H	
44343	LAB	M20	430-5	W F	202	L	H	
44351	LAB	M21	5-530	W F	202	L	H	
44368	LAB	M22	530-6	W F	202	L	H	

ITAL 104 INTERMEDIATE ITALIAN, II.
PREREQUISITE: ITAL. 103 OR THREE YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS.

44375	LECT-DISC	X	12	MTUWTH	1136	F	L	B

ITAL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 6 HOURS.

44382	CONF		ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

ITAL 211 COMPOSITION AND CONVERSATION, I.
PRACTICE IN THE LANGUAGE LABORATORY IS REQUIRED.
PREREQUISITE: ITAL. 104 OR CONSENT OF INSTRUCTOR.
3 HOURS.

44390	LECT-DISC	D	11	M W F	1134	F	L	B

ITAL 291 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN ITALIAN.
2 HOURS.

44401	CONF	&A	ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ITAL 311 DANTE--LA DIVINA COMMEDIA.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT.

44418	LECT-DISC		9	TU TH	1126	F	L	B	PIETRANGELI

ITAL 321 MODERN ITALIAN LITERATURE.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT.

44425	LECT-DISC		11	TU TH	1126	F	L	B

COURSES FOR GRADUATES

ITAL 400 BEGINNING COURSE FOR GRADUATE STUDENTS.
4 HOURS.

44432	LECT-DISC		8	TUWTHF	1134	F	L	B

ITAL 409 STORIA DELLA POESIA DI DANTE.
PREREQUISITE: ITAL. 311 OR 312 OR 313 OR EQUIVALENT.
1 UNIT.

44440	LECT-DISC		2-4	F	1120	F	L	B	MONTANO

TAL 411 ITALIAN LITERATURE IN THE MIDDLE AGES: PETRARCH AND BOCCACCIO.
1 UNIT.

44457	LECT-DISC	9	M W	1126	F L B	

TAL 452 SEMINAR IN ITALIAN LINGUISTICS.
1 UNIT.

44464	LECT-DISC	3	TU TH	1118	F L B	WANNER

TAL 491 SPECIAL TOPICS IN ITALIAN.
1/2 OR 1 UNIT.

44471	CONF	ARR				STAFF

TAL 499 THESIS RESEARCH.
0 TO 4 UNITS.

44489	CONF	ARR				MONTANO, PIETRANGELI, SALTARELLI

JAPANESE

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

JAPAN 201 ELEMENTARY JAPANESE, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR JAPAN. 201 WITHOUT JAPAN. 202.
5 HOURS.
OPEN TO FRESHMEN.

44496	LECT-DISC	A	9	MTUWTHF	242	ARMORY	KINOSHITA
44507	LECT-DISC	B	9	MTUWTHF	309	LIB	AKATSUKA

JAPAN 203 INTERMEDIATE JAPANESE, I.
PREREQUISITE: JAPAN. 202 OR 301, OR EQUIVALENT.
5 HOURS.

44514	LECT-DISC		9	MTUWTHF	153B	M E B	PLUTSCHOW

JAPAN 205 JAPANESE LITERATURE IN TRANSLATION, I.
3 HOURS.

44521	LECT-DISC		10	M W F	162	E E B	PLUTSCHOW

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JAPAN 301 INTENSIVE JAPANESE, I.
10 HOURS OR 2 UNITS.
OPEN TO FRESHMEN.
ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND SECTION 2.

44539	LECT-DISC	1	10-12	MTUWTHF	94	COM W	MAKINO
44546	LECT-DISC	2	10-12	MTUWTHF	94	COM W	MAKIUCHI KINOSHITA

JAPAN 303 ADVANCED JAPANESE, I.
PREREQUISITE: JAPAN. 204 OR 302, OR EQUIVALENT.
5 HOURS OR 1 UNIT.

44553	LECT-DISC		9	MTJWTHF	153A	M E B	SUZUKI

JAPAN 305 ADVANCED READINGS IN MODERN JAPANESE, I.
PREREQUISITE: JAPAN. 304 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

44561	LECT-DISC	ARR	

JAPAN 309 SOCIAL SCIENCE READINGS IN JAPANESE.
PREREQUISITE: JAPAN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

44578	LECT-DISC	ARR	

JAPAN 330 INTRODUCTION TO FAR EASTERN LINGUISTICS.
SAME AS CHIN., KOREAN, AND LING. 330.
PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

44585	LECT-DISC	A	1030-12	TU TH	1110	F L B	
44592	LECT-DISC	C	1-230	TU TH	G 52	F L B	

JOURNALISM

DEPARTMENT OFFICE 120A G H

COURSES FOR UNDERGRADUATES

JOURN 114 AGRICULTURAL JOURNALISM.
SAME AS AGR. 114.
3 HOURS.

44603	LECT-DISC		10	TU TH	313	M H	
44611	LAB	1	1	TH	442	M H	
44628	LAB	2	2	TH	442	M H	
44635	LAB	3	3	TH	442	M H	

COURSES FOR ADVANCED UNDERGRADUATES

JOURN 204 TYPOGRAPHY.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

44642	LECT		2	TU TH	213	G H	HANSON
44650	LAB	G	3-5	M	31	G H	
44667	LAB	T1	3-5	TU	31	G H	
44674	LAB	E	1-3	W	31	G H	
44681	LAB	T2	3-5	TH	31	G H	
44699	LAB	Z2	7-9PM	W	31	G H	
44700	LAB	E1	1-3	F	31	G H	

JOURN 211 NEWSWRITING.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

44717	LECT	E	11	F	213	G H	HILDWEIN
44724	LAB	A	8-10	M W	25	G H	AND STAFF
44749	LAB	A1	8-10	M W	225	G H	
44731	LAB	C	10-12	M W	25	G H	
44756	LAB	E1	1-3	M W	25	G H	
44763	LAB	G	3-5	M W	25	G H	
44771	LAB	L	8-10	TU TH	25	G H	
44788	LAB	N	10-12	TU TH	25	G H	
44795	LAB	N1	10-12	TU TH	225	G H	
44806	LAB	S	1-3	TU TH	25	G H	
44813	LAB	T	3-5	TU TH	25	G H	

JOURN 212 PUBLIC AFFAIRS REPORTING.
PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SIX ADDITIONAL HOURS TO BE ARRANGED.

44821	LECT-DISC	M	*9	TU TH	113	G H	ZIFF
44838	LECT-DISC	P	*11	TU TH	113	G H	GRAHAM
44845	LECT-DISC	S	*2	TU TH	113	G H	ERICKSON

JOURN 215 CONTEMPORARY AFFAIRS.
PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
2 HOURS.

44852	LECT-DISC	P	11	TU TH	215	G H	ZIFF
44860	LECT-DISC	S	2	TU TH	215	G H	BOSTON
44877	LECT-DISC	T	3	TU TH	215	G H	GRAHAM

JOURN 217 HISTORY OF COMMUNICATIONS.
SAME AS COMM. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

44884	LECT-DISC	B	9	M	W	F	215	G	H	ERICKSON
44891	LECT-DISC	F	2	M	W	F	215	G	H	

JOURN 220 PROCESSES AND SYSTEMS OF COMMUNICATION.
SAME AS COMM. 220.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.

44902	LECT-DISC	*B1	10	M	W	F	215	G	H	KREILING
44927	LECT-DISC	*B2	10	M	W	F	215	G	H	
44910	LECT-DISC	*G1	3	M	W	F	113	G	H	CAREY
44934	LECT-DISC	*G2	3	M	W	F	113	G	H	

JOURN 223 PHOTO-JOURNALISM.
COST OF MATERIALS APPROXIMATELY $15 PER STUDENT. CAMERAS ARE PROVIDED BY THE COLLEGE.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF INSTRUCTOR.
3 HOURS.
*LECTURE-DISCUSSION B1 AND LABS R1 AND S1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE-DISCUSSION B2 AND LAB R2 OR S2.

44941	LECT-DISC	*B1	1			F	18	G	H	HILDWEIN
44973	LECT-DISC	*B2	1			F	18	G	H	
44959	LAB	*R1	1-5		TU		13	G	H	
44981	LAB	*R2	1-5		TU		13	G	H	
44966	LAB	*S1	1-5			TH	13	G	H	
44998	LAB	*S2	1-5			TH	13	G	H	

JOURN 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
SAME AS COMM. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2 AND E2.

45001	LECT-DISC	*D1	11	M	W	F	123	G	H	BOSTON
45025	LECT-DISC	*D2	11	M	W	F	123	G	H	
45018	LECT-DISC	*E1	1	M	W	F	123	G	H	GUBACK
45032	LECT-DISC	*E2	1	M	W	F	123	G	H	

JOURN 241 LAW AND COMMUNICATIONS.
SAME AS COMM. 241.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

45040	LECT-DISC		2	M	W	F	113	G	H	ALFELD

JOURN 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS COMM. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

45057	LECT-DISC	E	1	M	W	F	215	G	H	KREILING
45064	LECT-DISC	G	3	M	W	F	215	G	H	

JOURN 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS.

45071	CONF		ARR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

JOURN 308 HIGH SCHOOL JOURNALISM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

45089	LECT-DISC	C	10	M	W	F	123	G	H	GILMORE

JOURN 321 NEWS EDITING.
PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
4 HOURS OR 1 UNIT.

45096	LECT		9	TU TH	215	G	H	SCHACHT
45107	LAB	C	8-11	M W	229	G	H	SLOVONSKY
45114	LAB	E	1-4	M W	229	G	H	GILMORE
45121	LAB	R	1-4	TU TH	229	G	H	SCHACHT

JOURN 323 ADVANCED REPORTING.
PREREQUISITE: JOURN 211 AND 212; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
3 HOURS OR 1/2 UNIT.
*SIX ADDITIONAL HOURS TO BE ARRANGED.

45139	LECT-DISC	M	*9	TU TH	217	G	H	GRAHAM
45146	LECT-DISC	E	*1	TU TH	113	G	H	GERSHEN
45153	LECT-DISC	F	*2	TU TH	1	G	H	ZIFF

JOURN 326 MAGAZINE ARTICLE WRITING.
PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
3 HOURS OR 1/2 UNIT.
*SECTION E1 IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

45161	LECT-DISC	*E1	2	M W F	123	G	H	SCHACHT
45178	LECT-DISC	*E2	2	M W F	123	G	H	

JOURN 327 SPECIAL TOPICS IN TWENTIETH CENTURY JOURNALISM.
PREREQUISITE: JOURN. 211; REGISTRATION IN THE COLLEGE OF COMMUNICATIONS; OR CONSENT OF THE COLLEGE.
2 HOURS OR 1/2 UNIT.

45185	LECT-DISC		2	TU TH	43	G	H	

JOURN 329 THE RHETORIC OF JOURNALISM.
PREREQUISITE: JOURN. 211 OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

45192	LECT-DISC		11	TU TH	18	G	H	SCHACHT

COURSES FOR GRADUATES

JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
SAME AS COMM. 468.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

45203	LECT-DISC		10-12	TU	123	G	H	GUBACK

JOURN 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS COMM. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

45211	LECT-DISC		3-5	TU	123	G	H	KREILING

JOURN 471 PRO-SEMINAR IN COMMUNICATIONS, I.
SAME AS COMM. 471.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

45228	LECT-DISC		1-3	TH	123	G	H	CAREY

JOURN 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
SAME AS COMM. 473.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

45235	LECT-DISC		10-12	TH	123	G	H	JENSEN

JOURN 474 COMMUNICATIONS SYSTEMS.
SAME AS COMM. 474.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

45242	LECT-DISC		3-5	TH	123	G	H	

URN 490 SPECIAL TOPICS IN JOURNALISM.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT.
*SECTION A TOPIC: READINGS IN POPULAR CULTURE.
*SECTION B TOPIC: HISTORY OF COMMUNICATIONS. (RESEARCH).

45250	CONF		ARR					JENSEN & STAFF
45267	CONF	*A	7-9PM	TH	123	G	H	CAREY
45274	CONF	*B	7-9PM	TU	123	G	H	

JURN 492 RESEARCH METHODS IN COMMUNICATIONS.
SAME AS COMM. 492.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

45281	LECT-DISC		*3-5	W	18	G	H	WIGGINS

JURN 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN JOURNALISM.
1 TO 2 UNITS.

45299	CONF		ARR					STAFF

KOREAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

OREA 201 ELEMENTARY KOREAN, I.
5 HOURS.
OPEN TO FRESHMEN.

45300	LECT-DISC		ARR					KIM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

.OREA 303 INTERMEDIATE KOREAN, I.
PREREQUISITE: KOREAN 202 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

45317	LECT-DISC		ARR					KIM

:OREA 330 INTRODUCTION TO FAR EASTERN LINGUISTICS.
SAME AS CHIN., JAPAN., AND LING. 330.
PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

45324	LECT-DISC	A	1030-12	TU TH	1110	F	L	B
45331	LECT-DISC	C	1-230	TU TH	G 52	F	L	B

DEPARTMENT OFFICE 504 E ARMORY, C.

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L I R 318 INDUSTRY AND SOCIETY.
SAME AS SOC. 318.
PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE FOLLOWING: SOC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. SOCIOLOGY MAJORS SEE SOCIOLOGY 318.

45349	LECT-DISC	*A1	1030-12	TU TH		300	L H
45356	LECT-DISC	*A2	1030-12	TU TH		300	L H

L I R 321 INDUSTRIAL SOCIAL SYSTEMS, I.
SAME AS B. ADM. 321.
PREREQUISITE: I. ADM. 210; PSYCH. 100; PSYCH. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

45363	LECT-DISC	A	8	M	W	F	160	COM W
45371	LECT-DISC	C	10	M	W	F	125	D K H

L I R 343 UNIONS, BARGAINING, AND PUBLIC POLICY.
SAME AS ECON. 343.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS, OR 1/2 OR 1 UNIT.

45388	LECT-DISC	E	1	M	W	F	40	COM W

L I R 347 LABOR LAW I.
SAME AS LAW 347.
3 HOURS OR 1 UNIT.

45395	LECT-DISC	ARR

L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 355.
PREREQUISITE: PSYCH. 201 OR 357.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR LABOR AND INDUSTRIAL RELATION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1. PSYCHOLOGY MAJORS SEE PSYCHOLOGY 355.

45413	LECT	*1	11	M	W	F	29	PSYCH BLDG
45406	LECT	*2	11	M	W	F	29	PSYCH BLDG

L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
SAME AS PSYCH. 357.
PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.
SECTION 2 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1. PSYCHOLOGY MAJORS SEE PSYCHOLOGY 357.

45438	LECT	*1	1	M	W	F	29	PSYCH BLDG
45421	LECT	*2	1	M	W	F	29	PSYCH BLDG

L I R 360 EMPLOYEE BENEFIT PLANS.
SAME AS FIN. 360.
PREREQUISITE: FIN. 260, ECON. 240, OR I. ADM. 351; OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

45445	LECT-DISC	N	10-12	TU			28	COM W
		N	11			TH	28	COM W

COURSES FOR GRADUATES

L I R 420 FORMATION OF PUBLIC POLICY.
SAME AS POL. S. 420.
1 UNIT.

45452	LECT-DISC	1-3	W	398	L H

L I R 435 MOTIVATION AND MORALE IN INDUSTRY.
SAME AS PSYCH. 435.
PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, OR CONSENT OF INSTRUCTOR.
1 UNIT.

45460	LECT		1-3	TU	29	PSYCH BLDG

L I R 440 LABOR ECONOMICS.
SAME AS ECON. 440.
PREREQUISITE: ECON. 300 AND 301.
1 UNIT.

45477	LECT-DISC	E	1-3	W	11	COM W

L I R 442 COLLECTIVE BARGAINING.
SAME AS ECON. 442.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45484	LECT-DISC		3-5	TU	43	L I R

L I R 443 PROBLEMS AND PRACTICES OF LABOR DISPUTE SETTLEMENT.
SAME AS ECON. 443.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45491	LECT-DISC		10-12	M	43	L I R WAGNER

L I R 444 ECONOMICS OF MANPOWER RESOURCES.
SAME AS ECON. 444.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*GRADUATE CREDIT IS NOT GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 444.
*1 UNIT.

45502	LECT-DISC	G	3-5	M	11	COM W

L I R 447 LABOR UNION ORGANIZATION AND ADMINISTRATION.
SAME AS ECON. 447.
PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR.
1 UNIT.

45510	LECT-DISC		10-12	W	43	L I R GARMAN

L I R 448 PROBLEMS OF PERSONNEL MANAGEMENT.
SAME AS B. ADM. 448.
PREREQUISITE: B. ADM. 248 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

45527	LECT-DISC		10-12	W	96	COM W

L I R 454 FOREIGN AND INTERNATIONAL LABOR MOVEMENTS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45534	LECT-DISC		3-5	TH	43	L I R STURMTHAL

L I R 490 INDIVIDUAL TOPICS.
0 TO 2 UNITS.

45541	CONF	A	ARR			STAFF
45559	CONF	B	ARR			STAFF

L I R 492 RESEARCH SEMINAR IN LABOR AND INDUSTRIAL RELATIONS.
PREREQUISITE: MAJOR IN SOCIAL SCIENCES OR CONSENT OF INSTRUCTOR.
1 TO 0 UNIT.

45566	LECT-DISC	A	3-5	W	43	L I R DERBER
45573	LECT-DISC	B	1-3	TU	43	L I R GERHART

L I R 494 THE MAJOR THEORISTS OF INDUSTRIAL RELATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45581	LECT-DISC		10-12	F	43	L I R FRANKE

L I R 498 ANALYSIS OF ORGANIZATIONS IN INDUSTRIAL RELATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45598	LECT-DISC		1-3	M	43	L I R KIMBERLY

L I R 499 THESIS RESEARCH.
0 TO 4 UNITS.
45609 CONF ARR STAFF

LANDSCAPE ARCHITECTURE

DEPARTMENT OFFICE 205 M H

COURSES FOR UNDERGRADUATES

L A 101 INTRODUCTION TO LANDSCAPE ARCHITECTURE.
2 HOURS.
45616 LECT 3 TU TH 125 D K H KEITH

L A 133 LANDSCAPE DESIGN.
4 HOURS.
45623 LECT 8 M W F 125 D K H HOLADAY
LAB 9-12 M W F 214 M H HOLADAY

L A 141 LANDFORM DESIGN.
3 HOURS.
45631 LECT 8 TU TH 125 D K H HAZLETT
LAB 9-12 TU TH 214 M H HAZLETT

L A 151 PLANT MATERIALS, I.
PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.
45648 LECT 3 M W F 125 D K H STAFF
LAB 4 M W F 125 D K H STAFF

L A 181 VISUAL COMMUNICATIONS, I.
PREREQUISITE: ARCH. 171 AND 172.
2 HOURS.
45655 LAB A 3-5 M W F 200S M H STAFF
45662 LAB B 3-5 M W F 200N M H STAFF

L A 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
45670 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES

L A 200 FIELD TRIP.
PREREQUISITE: JUNIOR OR SENIOR STANDING IN LANDSCAPE ARCHITECTURE
OR CONSENT OF INSTRUCTOR.
45687 LAB ARR STAFF

L A 214 HISTORY OF LANDSCAPE ARCHITECTURE.
3 HOURS.
45694 LECT 1 M W F 125 D K H HARKNESS

L A 226 PRINCIPLES OF PARK DESIGN.
2 HOURS.
45705 LECT 11 M W 125 D K H RUTLEDGE

L A 235 RECREATION LAND DESIGN.
PREREQUISITE: L. A. 134 OR CONSENT OF INSTRUCTOR.
4 HOURS.
45712 LAB-DISC A 8-12 M W F 200S M H ZOLOMIJ
45720 LAB-DISC B 8-12 M W F 200N M H ZOLOMIJ

L A 243 SITE ENGINEERING.
PREREQUISITE: L. A. 102 AND 141.
3 HOURS.

45737	LAB-DISC	A	8-12	TU TH	200S M H		ZOLOMIJ
45744	LAB-DISC	B	8-12	TU TH	200S M H		ZOLOMIJ

L A 253 PLANTING DESIGN, I.
PREREQUISITE: L. A. 151 OR 152.
3 HOURS.

45751	LAB-DISC	A	1-5	TU TH	200S M H		WALKER
45769	LAB-DISC	B	1-5	TU TH	200N M H		WALKER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

L A 337 REGIONAL LANDSCAPE DESIGN.
PREREQUISITE: L. A. 236 OR CONSENT OF INSTRUCTOR.
5 HOURS, OR 1 TO 1 1/2 UNITS.

45776	LAB-DISC		8-12	M W F	ARR		WALKER

COURSES FOR GRADUATES

L A 437 REGIONAL LANDSCAPE DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

45783	LAB		8-12	M W F	105	MUM HOUSE	HARKNESS

L A 477 DEVELOPMENT OF LANDSCAPE ARCHITECTURAL THOUGHT.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

45791	LECT-DISC		8-10	TU	105	MUM HOUSE	RUTLEDGE

L A 490 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

45801	CONF		ARR				STAFF

L A 499 THESIS RESEARCH.
0 TO 1 1/2 UNITS.

45819	CONF		ARR				STAFF

LATIN

DEPARTMENT OFFICE 341 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURRICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

COURSES FOR UNDERGRADUATES

LAT 101 ELEMENTARY LATIN, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT LAT. 102.
*4 HOURS.

45826	LECT-DISC	A	9	MTUWTH	G 27	F L B	SCANLAN
45833	LECT-DISC	B	12	MTUWTH	240	ADMIN	
45841	LECT-DISC	C	12	MTUWTH	G 27	F L B	SCANLAN
45858	LECT-DISC	D	1	MTUWTH	1032	F L B	

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LAT   102     ELEMENTARY LATIN, II.
         PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN.
         4 HOURS.
         *SECTION A IS LIMITED TO STUDENTS HAVING TAKEN 101A IN THE SPRING.
       45880      LECT-DISC *A        12        MTUWTH        1  G H
       45865      LECT-DISC  B        12        MTUWTH      162  L H
       45872      LECT-DISC  C         1        MTUWTH      240  ADMIN


LAT   103     INTERMEDIATE LATIN.
         PREREQUISITE: LAT. 102 OR TWO YEARS OF HIGH SCHOOL LATIN.
         4 HOURS.
         *SECTIONS D AND E ARE LIMITED TO STUDENTS HAVING TAKEN 102 C IN
         THE SPRING.
       45897      LECT-DISC  A        12        MTUWTH      433  ARMORY
                             A        12        MTUWTH      362  L H
       45908      LECT-DISC  C         1        MTUWTH    G 18  F L B
       45915      LECT-DISC *D         1        MTUWTH        1  G H
       45922      LECT-DISC *E         2        MTUWTH      362  L H


LAT   104     INTRODUCTION TO VERGIL.
         PREREQUISITE: LAT. 103 OR THREE YEARS OF HIGH SCHOOL LATIN.
         4 HOURS.
       45930      LECT-DISC  A        12        MTUWTH    G 20  F L B          BRIGHT
       45947      LECT-DISC  B         1        MTUWTH      433  ARMORY
       45954      LECT-DISC  C         2        MTUWTH    G 18  F L B


LAT   113     LATIN COMPOSITION, I.
         THIS COURSE AND LAT. 114 ARE REQUIRED OF ALL STUDENTS WHO PLAN TO
         TEACH LATIN.
         PREREQUISITE: CREDIT OR REGISTRATION IN LAT. 103, OR THREE YEARS OF
         HIGH SCHOOL LATIN.
         2 HOURS.
       45961      LECT-DISC  A        10         TU TH    G 27  F L B          SCANLAN


LAT   199     UNDERGRADUATE OPEN SEMINAR.
         *MAY BE REPEATED.
         *0 TO 9 HOURS.
       45979      CONF              ARR                                        STAFF


                        COURSES FOR ADVANCED UNDERGRADUATES


LAT   201     SURVEY OF LATIN LITERATURE.
         PREREQUISITE: LAT. 105 OR FOUR YEARS OF HIGH SCHOOL LATIN.
         3 HOURS.
       45986      LECT-DISC  A        10        M  W  F   G 18  F L B          DUNN


LAT   203     LITERATURE OF THE REPUBLIC.
         PREREQUISITE: LAT. 202.
         3 HOURS.
       45993      LECT-DISC  A        10        M  W  F      1  G H            HELLER


LAT   280     TEACHERS COURSE.
         REQUIRED FOR TEACHER-TRAINING MAJORS IN LATIN.
         PREREQUISITE: LAT. 202 AND SENIOR STANDING.
         2 HOURS.
         *DOES NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.
       46006      LECT-DISC  A       *10        MTUW      1018  F L B          SCANLAN


LAT   291     SENIOR THESIS.
         PREREQUISITE: SENIOR STANDING.
         2 OR 4 HOURS.
       46013      CONF              ARR                                        STAFF


LAT   293     SENIOR SURVEY.
         2 OR 4 HOURS.
       46021      CONF              ARR                                        STAFF


                   COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES


LAT   311     INTERMEDIATE PROSE COMPOSITION.
         PREREQUISITE: LAT. 114 OR EQUIVALENT.
         3 HOURS OR 3/4 UNIT.
       46038      LECT-DISC  A         9        M  W  F    162  L H            NEWMAN
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LAT 360 PATRISTIC LATIN.
SAME AS RELST. 360.
PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

46045	LECT-DISC	A	10	M W F	162	L H		WALLACH

LAT 383 ROMAN PHILOSOPHICAL AUTHORS.
PREREQUISITE: LAT. 204 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

46052	LECT-DISC	A	2	M W F	1018	F L B		MARCOVICH

COURSES FOR GRADUATES

LAT 400 BEGINNING LATIN FOR GRADUATE STUDENTS.

46060	LECT-DISC	A	4	MTUWTH	1	G H		

LAT 409 HISTORY OF THE LATIN LANGUAGE.
PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR EQUIVALENT, TWO YEARS OF A MODERN FOREIGN LANGUAGE.
1 UNIT.

46077	LECT-DISC	A	11	M W F	1	G H		HELLER

LAT 411 LATIN EPIGRAPHY.
PREREQUISITE: THREE YEARS OF COLLEGE LATIN OR EQUIVALENT AND ONE YEAR OF ANCIENT HISTORY.
1 UNIT.

46084	LECT-DISC	A	3-5	M W	409	LIB		OLIVER

LAT 416 VERGIL.
1 UNIT.

46091	LECT-DISC	A	3-5	TU TH	409	LIB		NEWMAN

LAT 460 BIBLIOGRAPHY AND CRITICISM OF MEDIEVAL LATIN.
PREREQUISITE: LAT. 360, 361 OR EQUIVALENT.
3/4 OR 1 UNIT.

46102	LECT-DISC	A	11-1	TU TH	409	LIB		WALLACH

LAT 491 DIRECTED READING.
PREREQUISITE: SECOND YEAR GRADUATE STANDING.
*NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.
*1/4 TO 1 UNIT.

46110	CONF		ARR					STAFF

LAT 495 BIBLIOGRAPHY AND CRITICISM, I.
SAME AS GRK. 495.
1/2 UNIT.

46127	LECT-DISC	A	2	TU TH	409	LIB		OLIVER

LAT 499 THESIS RESEARCH.
0 TO 4 UNITS.

46134	CONF		ARR					STAFF

LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT OFFICE 253 1208 W. CALIFORNIA

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.

2. COMPLETE AT LEAST TWENTY SEMESTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING LATIN AMERICAN STUDIES 201, CHOSEN FROM AMONG FOUR DEPARTMENTS. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAY NOT BE INCLUDED WITHIN THIS TWENTY HOURS.

ANTH	261, 332, 333, 349 350, 352, 361, 380	MUSIC	336
ART	318	POL S	342, 343
ECON	352	PORT	201, 301, 303, 304
GEOG	331, 332	LA ST	195, 201
HIST	275, 276, 377, 378, 379	SOC	218, 373
		SPAN	222, 231, 242, 307 308, 310, 332

GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS FOR A MINOR IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINOR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT IN APPROVED COURSES, FOR A SPLIT MINOR, AT LEAST TWO UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINORS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINOR:

AG EC	401	MUSIC	336
AGRON	429	POL S	342, 343, 441, 442, 493
ANTH	332, 333, 349, 350, 352, 361, 380, 490	PORT	301, 303, 304, 405, 406 407, 491
ART	318, 491	SOC	373, 490
BOT	300	SPAN	307, 308, 310, 332, 400, 401, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 452, 491
ECON	352, 451, 490		
GEOG	331, 332, 495		
HIST	275, 276, 377, 378, 461		

STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF ELECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT- AND TEN-SEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

COURSES FOR UNDERGRADUATES

LA ST 195 FRESHMAN SEMINAR.
PREREQUISITE: FRESHMAN JAMES SCHOLAR OR OTHER DESIGNATION AS A SUPERIOR STUDENT.
3 HOURS.

46141	LECT-DISC	2-5	M	309A H H

LAW

DEPARTMENT OFFICE 209 LAW

COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW 301, 303, 305, 307, AND 309.
STUDENTS ASSIGNED TO GROUP II SHOULD TAKE SEC. B OF LAW 301, 303, 305, 307, AND 309.
STUDENTS ASSIGNED TO GROUP III SHOULD TAKE SEC. C OF LAW 301, 303, 305, 307, AND 309.

LAW 301 CONTRACTS A.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

46159	LECT-DISC	A	8	MTUW	A LAW	COSTONIS
46166	LECT-DISC	B	9	MTUW	B LAW	HAY
46173	LECT-DISC	C	10	MTUW	C LAW	BENFIELD

LAW 303 TORTS A.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*2 HOURS OR 1/2 UNIT.

46181	LECT-DISC	A	11	M W	A LAW	
46198	LECT-DISC	B	3	MTU	B LAW	O'CONNELL
46209	LECT-DISC	C	3	THF	C LAW	KRAUSE

LAW 305 JUDICIAL REMEDIES.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

46216	LECT-DISC	A	11	THFS	A LAW	SEMMEL
46223	LECT-DISC	B	10	THFS	B LAW	MARSHALL
46231	LECT-DISC	C	3	MTUW	C LAW	STONE

LAW 307 PROPERTY A.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

46248	LECT-DISC	A	9	MTUW	A LAW	CRIBBET
46255	LECT-DISC	B	10	MTUW	B LAW	PLAGER
46262	LECT-DISC	C	8	THFS	C LAW	FINDLEY

LAW 309 CRIMINAL LAW.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

46270	LECT-DISC	A	9	THFS	A LAW	LAFAVE
46287	LECT-DISC	B	11	THFS	B LAW	BOWMAN
46294	LECT-DISC	C	10	THFS	C LAW	BOWMAN

LAW 310 CONSTITUTIONAL LAW.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*4 HOURS OR 1 UNIT.

46305	LECT-DISC	A	9	THF	B LAW	GOLDBERG
		A	3	THF	B LAW	GOLDBERG
46312	LECT-DISC	B	11	WTHFS	C LAW	QUICK
46320	LECT-DISC	C	1	TUWTHF	D LAW	REISNER

LAW 315 LEGAL WRITING AND RESEARCH.
1 HOUR.

46337	LECT-DISC	A	1	W	C LAW	MORGAN AND
46344	LECT-DISC	B	1	TH	B LAW	TEACHING
46351	LECT-DISC	C	1	TH	C LAW	ASSISTANTS
46369	LECT-DISC	D	2	TH	C LAW	
46376	LECT-DISC	E	1	F	B LAW	
46383	LECT-DISC	F	1	F	C LAW	
46391	LECT-DISC	G	2	F	C LAW	

COURSES FOR ADVANCED LAW STUDENTS

LAW 317 APPELLATE ADVOCACY A.
1 HOUR.

46401	CONF	A	ARR			

LAW 320 BUSINESS ASSOCIATIONS.
3 HOURS OR 1 UNIT.

46419	LECT-DISC	A	9	THFS	C LAW	BAUM
46426	LECT-DISC	B	10	THFS	D LAW	BAUM

LAW 322 COMMERCIAL LAW, I.
4 HOURS OR 1 UNIT.

46433	LECT-DISC	A	8	MTU	D LAW	BENFIELD

LAW 326 EVIDENCE.
3 HOURS OR 1 UNIT.

46441	LECT-DISC	A	8	THFS	D LAW	MARSHALL
46458	LECT-DISC	B	8	THFS	A LAW	QUICK

LAW 328 INCOME TAXATION.
3 HOURS OR 1 UNIT.

46465	LECT-DISC	A	9	MTUW	D LAW	MCCORD
		A	2	TU	D LAW	MCCORD
46472	LECT-DISC	B	10	MTUW	D LAW	YOUNG
		B	2	M	D LAW	YOUNG

LAW 329 DECEDENTS ESTATES AND TRUSTS.
3 HOURS OR 1 UNIT.

46480	LECT-DISC	A	2	WTHF	B LAW	JONES
46497	LECT-DISC	B	9	MTUW	C LAW	MORGAN

LAW 333 PERSONS.
2 HOURS OR 1/2 UNIT.

46508	LECT-DISC	A	11	THFS	D LAW	KRAUSE

LAW 337 COMMERCIAL LAW, II.
2 HOURS OR 1/2 UNIT.

46515	LECT-DISC	A	3	THF	A LAW	HAWKLAND

LAW 338 INSURANCE.
2 HOURS OR 1/2 UNIT.

46522	LECT-DISC	A	9	MTUW	E LAW	O'CONNELL

LAW 339 CONFLICT OF LAWS.
3 HOURS OR 1 UNIT.

46530	LECT-DISC	A	11	M W	B LAW	HAY
		A	2	TU	B LAW	HAY

LAW 341 OIL AND GAS.
3 HOURS OR 1 UNIT.

46547	LECT-DISC	A	10	THFS	A LAW	FINDLEY

LAW 344 CREDITORS RIGHTS.
3 HOURS OR 1 UNIT.

46554	LECT-DISC	A	9	THFS	D LAW	HAWKLAND

LAW 348 INTERNATIONAL LAW.
3 HOURS OR 1 UNIT.

46561	LECT-DISC	A	1	TUWTH		A LAW	COSTONIS

LAW 353 CORPORATION FINANCE AND SECURITIES.
2 HOURS OR 1/2 UNIT.

46579	LECT-DISC	A	2-4	W		A LAW	MCCORD

LAW 356 FEDERAL COURTS.
3 HOURS OR 1 UNIT.

46586	LECT-DISC	A	10	MTUW		A LAW	STONE

LAW 357 LEGAL ACCOUNTING.
2 HOURS.

46593	LECT-DISC	A	11	M W		E LAW	

LAW 358 MODERN SOCIAL LEGISLATION.
3 HOURS OR 1 UNIT.

46604	LECT-DISC	A	1	F		A LAW	SEMMEL
		A	2	THF		A LAW	SEMMEL

LAW 360 LEGAL DRAFTING AND LAW OFFICE PRACTICE.
2 HOURS.

46611	LECT-DISC	A	8	M W	219	LAW	MAMER

LAW 362 PRACTICE COURT.
*CREDIT CONTINGENT UPON COMPLETION OF SECOND SEMESTER WORK.
*1 HOUR.

46629	LECT-DISC	A	ARR				

LAW 364 LAND USE PLANNING.
2 1/2 HOURS.

46636	LECT-DISC	A	1	TUW		B LAW	PLAGER
		A	4	TU		B LAW	PLAGER

LAW 365 TAX PROBLEMS.
2 HOURS OR 1/2 UNIT.

46643	LECT-DISC	A	8	TUW		E LAW	YOUNG

LAW 371 SEMINAR IN SELECTED LEGAL PROBLEMS.
2 HOURS OR 1/2 UNIT.

46651	LECT-DISC	A	4-6	M	219	LAW	KIM
46668	LECT-DISC	B	4-6	TH	219	LAW	FRAMPTON
46675	LECT-DISC	C	ARR				MARSHALL

LAW 372 PROBLEMS IN ESTATE PLANNING.
2 HOURS OR 1/2 UNIT.

46682	LECT-DISC	A	4-6	W		E LAW	JONES

LAW 391 LEGAL PROBLEMS.
1 HOUR.

46690	CONF	A	ARR				

LAW 392 LEGAL PROBLEMS.
1 HOUR.

46701	CONF	A	ARR				

LAW 393 LEGAL PROBLEMS.
1 HOUR.

46718	CONF	A	ARR				

LAW 394 LEGAL PROBLEMS.
1 HOUR.

46725	CONF	A	ARR				

LAW 399 RESEARCH ON SPECIAL TOPICS.
1 TO 4 HOURS, OR 1/2 TO 1 UNIT.

46732	CONF	A	ARR
46740	CONF	B	ARR

COURSES FOR GRADUATES

LAW 499 THESIS RESEARCH.
0 TO 3 UNITS.

46757	CONF	A	ARR

LIBERAL ARTS

DEPARTMENT OFFICE 294 L H

COURSES FOR UNDERGRADUATES

L A S 140 THOUGHT AND STRUCTURE IN PHYSICAL SCIENCE.
4 HOURS.
STUDENTS WILL REGISTER IN LECTURE SECTION ONLY. DISCUSSION (1 HOUR) AND LABORATORY-DISCUSSION (2 HOURS) TO BE ARRANGED.

46764	LECT	A	9	TU TH	124	BUR HALL	ROSEN & STAF
46771	LECT	B	11	TU TH	114	D K H	
46789	LECT	C	2	TU TH	141	COM W	

L A S 142 EARTH EVOLUTION AND CHEMICAL ENVIRONMENTS.
SAME AS GEOL. 142.
4 HOURS.
STUDENTS ENROLL IN ONE LAB-DISC-LECTURE COMBINATION.
FIELD TRIP, ESTIMATED COST $2.00.

46796	LAB	1	8-930	M	206	H H
	DISC	1	4	TU	8	C A
	LECT		3	M W	100	M M B
46807	LAB	2	930-11	M	206	H H
	DISC	2	9	TU	8	C A
	LECT		3	M W	100	M M B
46814	LAB	3	11-1230	M	206	H H
	DISC	3	10	TU	8	C A
	LECT		3	M W	100	M M B
46821	LAB	4	1230-2	M	206	H H
	DISC	4	1	TU	8	C A
	LECT		3	M W	100	M M B
46839	LAB	5	4-530	M	206	H H
	DISC	5	3	TU	8	C A
	LECT		3	M W	100	M M B
46846	LAB	6	12-130	W	206	H H
	DISC	6	4	TU	9	C A
	LECT		3	M W	100	M M B
46853	LAB	7	130-3	W	206	H H
	DISC	7	11	TU	8	C A
	LECT		3	M W	100	M M B
46861	LAB	8	8-930	F	206	H H
	DISC	8	12	TU	8	C A
	LECT		3	M W	100	M M B
46878	LAB	9	930-11	F	206	H H
	DISC	9	8	TU	8	C A
	LECT		3	M W	100	M M B
46885	LAB	10	11-1230	F	206	H H
	DISC	10	2	TU	8	C A
	LECT		3	M W	100	M M B

L A S 197 FRESHMAN SEMINAR IN PHYSICAL SCIENCE.
PREREQUISITE: JAMES SCHOLAR OR DESIGNATION AS A SUPERIOR STUDENT; CONSENT OF INSTRUCTOR.
4 HOURS.

46892	CONF	&	1	M W F	94	COMM W	ROSEN
	LAB	&	ARR				

LIBERAL ARTS (STUDY ABROAD)

COURSES FOR ADVANCED UNDERGRADUATES

L A S 299 LAS STUDY ABROAD.
PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT AND THE COLLEGE OFFICE.
*FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36 SEMESTER HOURS, ALL OF WHICH MUST BE EARNED WITHIN ONE CALENDAR YEAR.
0 TO 15 HOURS.

46903	CONF	A	ARR
46911	CONF	B	ARR

LIBRARY SCIENCE

DEPARTMENT OFFICE 331 LIB

COURSES FOR UNDERGRADUATES

LIB S 195 INTRODUCTION TO LIBRARY USE.
INTENDED FOR FRESHMEN AND SOPHOMORES; NOT TO BE COUNTED TOWARD THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN THE GRADUATE SCHOOL OF LIBRARY SCIENCE.
3 HOURS.

46928	LECT-DISC	A	1	M W F	429	LIB	ROBINSON

LIB S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

46935	LECT		11	TH	213	G H

COURSES FOR ADVANCED UNDERGRADUATES

LIB S 201 INTRODUCTION TO REFERENCE SERVICE.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.

46942	LECT-DISC	A	9	M W F	128	LIB	
46950	LECT-DISC	B	2	M W F	128	LIB	ALLEN

LIB S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.
*STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY FOUR TUESDAYS DURING THE SEMESTER.

46967	LECT		10-12	TU	160	ARMORY	KRUMMEL
46974	LAB	A	1-3	TU	309	LIB	MACHULA
46981	LAB	B	3-5	TU	309	LIB	MACHULA

LIB S 255 ORGANIZATION OF LIBRARY MATERIALS.
PREREQUISITE: JUNIOR STANDING (60 HOURS OF ACADEMIC WORK).
3 HOURS.

46999	LECT-DISC	A	8-10	TU TH	314	LIB	MULLENDORE
47001	LECT-DISC	B	630-830PM	TU TH	314	LIB	DOWELL

LIB S 258 SELECTION OF LIBRARY MATERIALS.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.

47019	LECT-DISC		2	M W F	309	LIB	CROWE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LIB S 301 LITERATURE OF THE HUMANITIES AND SOCIAL SCIENCES.
PREREQUISITE: SENIOR STANDING.
3 HOURS OR 1 UNIT.

47026	LECT-DISC		11	M W F	128	LIB	SCHLIPF

LIB S 302 LITERATURE OF THE SCIENCES.
PREREQUISITE: SENIOR STANDING, AND LIB. S. 204 AND 258, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

47033	LECT-DISC		8	M W F	128	LIB	BONN

LIB S 303 LIBRARY MATERIALS FOR CHILDREN.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION B LIMITED TO GRADUATE STUDENTS ONLY.

47041	LECT-DISC	A	10	M W F	128	LIB	LOHRER
47065	LECT-DISC	*B	11	M W F	328B	LIB	LADLEY
47058	LECT-DISC	C	7-83CPM	M W	66	LIB	CROWE & SCHULTS

LIB S 304 LIBRARY MATERIALS FOR YOUNG ADULTS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

47072	LECT-DISC		9	M W F	314	LIB	THOMASSEN

LIB S 308 AUDIO-VISUAL SERVICES IN LIBRARIES.
PREREQUISITE: JUNIOR STANDING.
A TWO-DAY FIELD TRIP IS REQUIRED; ESTIMATED EXPENSES $25.00
3 HOURS OR 1 UNIT.

47080	LECT-DISC		1-3	M W	314	LIB	THOMASSEN

LIB S 309 STORYTELLING.
PREREQUISITE: LIB. S. 303 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

47097	LECT-DISC		4-530	M W	314	LIB	LADLEY

COURSES FOR GRADUATES

LIB S 405 LIBRARY ADMINISTRATION.
PREREQUISITE: LIB. S. 204, OR CONSENT OF INSTRUCTOR.
1 UNIT.

47108	LECT-DISC		1-3	TU	314	LIB	SCHLIPF
47115	DISC	A	3	TU	328B	LIB	CROWLEY
47122	DISC	B	1	W	328B	LIB	ALLEN
47130	DISC	C	2	W	328B	LIB	SCHLIPF

LIB S 407 CATALOGING AND CLASSIFICATION, I.
PREREQUISITE: LIB. S. 255, OR CONSENT OF INSTRUCTOR.
1 UNIT.

47147	LECT-DISC	A	8	M W F	314	LIB	MULLENDORE
47154	LECT-DISC	B	11	M W F	314	LIB	MULLENDORE

LIB S 409 COMMUNICATION ROLES AND RESPONSIBILITIES OF LIBRARIES.
1 UNIT.

47161	LECT-DISC		10-12	TU	314	LIB	CROWE

LIB S 411 REFERENCE SERVICE IN THE HUMANITIES AND SOCIAL SCIENCES.
PREREQUISITE: LIB. S. 201, OR CONSENT OF INSTRUCTOR.
1 UNIT.

47179	LECT-DISC	A	1	M W F	128	LIB	STEVENS
47186	LECT-DISC	B	3	M W F	314	LIB	STEVENS

LIB S 412 SCIENCE REFERENCE SERVICE.
PREREQUISITE: LIB. S. 201, OR CONSENT OF INSTRUCTOR.
1 UNIT.

47193	LECT-DISC		1	M W F	309	LIB	BONN

LIB S 415 LIBRARY MECHANIZATION AND AUTOMATION.
PREREQUISITE: EITHER (1) LIB. S. 201, 204, 255 AND 258, OR (2) CONSENT OF INSTRUCTOR.
1 UNIT.

47204	LECT-DISC		9-11	TU TH	128	LIB	DIVILBISS

LIB S 427 RESOURCES OF AMERICAN RESEARCH LIBRARIES.
1 UNIT.

47211	LECT-DISC		3-5	W	309	LIB	KRUMMEL

LIB S 429 INFORMATION STORAGE AND RETRIEVAL.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

47229	LECT-DISC	9-11	F	328B LIB	LANCASTER

LIB S 431 BOOKS AND LIBRARIES IN THE ANCIENT AND MEDIEVAL WORLD.
1 UNIT.

47236	LECT-DISC	9-11	W	328B LIB	STEVENS

LIB S 441 HISTORY OF CHILDRENS LITERATURE.
1 UNIT.

47243	LECT-DISC	4-6	TU	328B LIB	LOHRER

LIB S 443 CONTEMPORARY BOOK PUBLISHING.
1 UNIT.

47251	LECT-DISC	3-5	TU	314 LIB	ALLEN

COURSES FOR ADVANCED GRADUATES

LIB S 450 ADVANCED PROBLEMS IN LIBRARIANSHIP.
PREREQUISITE: A FIFTH-YEAR DEGREE IN LIBRARY SCIENCE, CONSENT OF DIRECTOR.
1/2 TO 2 UNITS.

47268	CONF	J	ARR		STAFF

LIB S 465 LIBRARIANSHIP AND SOCIETY.
PREREQUISITE: MASTER OF SCIENCE IN LIBRARY SCIENCE OR CONSENT OF INSTRUCTOR.
1 UNIT.

47275	LECT-DISC	10-12	TU	328B LIB	KRONUS

LIB S 468 TEACHING METHODS AND SPECIAL PROBLEMS IN CONTEMPORARY LIBRARY SCHOOLS.
PREREQUISITE: LIB. S. 462 OR CONSENT OF INSTRUCTOR.
1 UNIT.

47282	LECT-DISC	3-5	M	309 LIB	LOHRER

LIB S 499 499 THESIS RESEARCH.
*MS CANDIDATES: 0 TO 2 UNITS. DOCTORAL CANDIDATES: 0 TO 4 UNITS.
*0 TO 4 UNITS.

47290	CONF		ARR		STAFF

DEPARTMENT OFFICE 309H D H

COURSES FOR UNDERGRADUATES

LING 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

47301	LECT-DISC		1-230	TU TH	143B M E B	GREEN

LING 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION B TOPIC IS SWAHILI.

47318	CONF	B	2	MTU THF	204 N L	KIM

COURSES FOR ADVANCED UNDERGRADUATES

LING 200 ELEMENTS OF LINGUISTICS.
PREREQUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE.
3 HOURS.

47325	LECT-DISC		3	M W F	145 L H	STAFF

LING 220 LANGUAGE IN AFRICAN CULTURE AND SOCIETY.
PREREQUISITE: LING. 200 AND A BASIC COURSE IN SOCIOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS.

47332	LECT-DISC		10	M W F	374 L H	STAHLKE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

LING 300 INTRODUCTION TO LINGUISTICS.
SAME AS ANTH. 300.
PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.
*SECTION C RESERVED FOR MAJORS IN LINGUISTICS.

47340	LECT-DISC	A	9	M W F	160 M E B	STAFF
47357	LECT-DISC	B	3	M W F	160 M E B	STAHLKE
47364	LECT-DISC	*C	1	M W F	160 M E B	MORGAN

LING 301 INTRODUCTION TO GENERAL PHONETICS.
3 HOURS OR 1/2 UNIT.

47371	LECT-DISC		10	M W F	G 52 F L B	KIM

LING 302 COMPARATIVE LINGUISTICS.
PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT.
3 HOURS OR 1/2 UNIT.

47389	LECT-DISC		3-5	W	G 52 F L B	ZGUSTA
			3	TU	G 52 F L B	

LING 303 NON-WESTERN LINGUISTIC STRUCTURES.
MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION C CONCERNS SWAHILI. OPEN TO THOSE WHO HAVE AT LEAST ONE YEAR OF SWAHILI.
*SECTION D CONCERNS HINDI.
*SECTION E CONCERNS YORUBA.

47396	LECT-DISC	*C	11	M W F	G 52 F L B	KIM
47407	LECT-DISC	*D	11-1230	TU TH	G 52 F L B	Y. KACHRU
47414	LECT-DISC	*E	1	M W F	374 L H	STAHLKE

LING 307 INTRODUCTION TO MATHEMATICAL LINGUISTICS.
SAME AS ANTH. 307.
PREREQUISITE: ANTH. OR LING. 300.
3 HOURS OR 1 UNIT.

47421	LECT-DISC		1030-12	TU TH	143B M E B	SKOUSEN

LING 315 INTRODUCTION TO INDO-EUROPEAN LINGUISTICS.
PREREQUISITE: FULFILLMENT OF LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES.
3 HOURS OR 1 UNIT.

47439	LECT-DISC	3	M W F	311 D H		HOCK

LING 325 INTRODUCTION TO PSYCHOLINGUISTICS.
SAME AS COMM. 325.
PREREQUISITE: CREDIT OR REGISTRATION IN LING. 300.
3 HOURS OR 1 UNIT.

47446	LECT-DISC	2	M W F	160 M E B		MACLAY

LING 330 INTRODUCTION TO FAR EASTERN LINGUISTICS.
SAME AS CHIN., JAPAN. AND KOREAN 330.
PREREQUISITE: LING. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

47453	LECT-DISC A	1030-12	TU TH	1110 F L B		MAKINO
47461	LECT-DISC C	1-230	TU TH	G 52 F L B		CHENG

LING 345 TUTORIALS IN SPECIAL ASIAN LANGUAGES.
SAME AS AS. ST. 345.
PREREQUISITE: CONSENT OF DIRECTOR OF THE CENTER FOR ASIAN STUDIES.
*MAY BE REPEATED UP TO 6 SEMESTERS SUCCESSIVELY, BUT NO MORE THAN 4 UNITS MAY BE ACCUMULATED.
*5 HOURS OR 1 UNIT.
*SECTION A CONCERNS BURMESE.
*SECTION B CONCERNS SANSKRIT.

47478	LECT-DISC *A	ARR				STAFF
47485	LECT-DISC *B	1	M W F	317A D K H		

LING 350 SOCIOLINGUISTICS.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

47492	LECT-DISC	ARR				SUZUKI AND DICKERSON

LING 375 SPEECH SCIENCE, I.
SAME AS SPCH. 375.
PREREQUISITE: SPCH. 109, OR 301, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

47503	LECT-DISC	2	M W F	304 L H		ZEMLIN

LING 380 INTRODUCTION TO SLAVIC LINGUISTICS.
SAME AS SLAV. 380.
PREREQUISITE: READINGS KNOWLEDGE OF AT LEAST ONE SLAVIC LANGUAGE.
3 HOURS OR 3/4 UNIT.

47511	LECT-DISC B	140-255	TU TH	G 58 F L B		KENSTOWICZ

LING 387 THE STRUCTURE OF ENGLISH.
SAME AS ENGL. 387.
3 HOURS OR 3/4 UNIT.

47528	LECT-DISC	3-5	TU	374 L H		GREEN
		3	TH	374 L H		

LING 388 LINGUISTICS IN LANGUAGE LEARNING, I.
SAME AS RHET. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

47535	LECT-DISC G	3	M W F	1022 F L B		ASTON

LING 389 LINGUISTICS IN LANGUAGE LEARNING, II.
SAME AS RHET. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

47542	LECT-DISC D	11	M W F	309 E B		ASTON

COURSES FOR GRADUATES

LING 401 SYNTAX.
PREREQUISITE: LING. 300 OR EQUIVALENT.
1 UNIT.

47550	LECT-DISC	10	M W F	1438 M F B		KISSEBERTH

LING 402 PHONOLOGY.
PREREQUISITE: LING. 301 OR CONSENT OF INSTRUCTOR.
1 UNIT.

47567	LECT-DISC		9-1030	TU TH	G 52	F L B		KENSTOWICZ

LING 403 SEMINAR IN LINGUISTIC ANALYSIS.
PREREQUISITE: LING. 401.
*MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR.
*1 UNIT.
SECTION A TOPIC: INTRODUCTION TO COMPUTATIONAL LINGUISTICS.
SECTION B TOPIC: AMERICA STRUCTURAL LINGUISTICS.
SECTION D TOPIC: LEXICOGRAPHY.

47574	LECT-DISC	A	9-1030	TU TH	1048	F L B		CHENG
47581	LECT-DISC	B	730-10PM	W	1110	F L B		KENSTOWICZ-KISSEBERTH
47599	LECT-DISC	D	3-5	TH	G 52	F L B		ZGUSTA

LING 409 FIELD METHODS IN LINGUISTICS.
SAME AS ANTH. 409.
PREREQUISITE: CREDIT OR ENROLLMENT IN LING. 401.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

47600	LECT-DISC	A	*11	M W F	374	L H		LEHMAN

LING 411 METHODS IN HISTORICAL LINGUISTICS.
PREREQUISITE: LING. 302 OR 315.
1 UNIT.

47617	LECT-DISC		2	M W F	G 52	F L B		HOCK

LING 419 CONTRASTIVE ANALYSIS.
SAME AS RHET. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

47624	LECT-DISC		10	M W F	156	M E B		STAFF

LING 425 PSYCHOLINGUISTICS.
SAME AS COMM. AND PSYCH. 425.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

47631	LECT		2-4	W	13	PSYCH BLDG		STAFF

LING 475 EXPERIMENTAL PHONETICS, I.
SAME AS SPCH. 475.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

47649	LECT-DISC		1-4	TU	330	I H		ZEMLIN

LING 481 TOPICS IN SYNTACTIC THEORY.
PREREQUISITE: LING. 317 OR 387 OR 401, AND CONSENT OF INSTRUCTOR.
1 UNIT.

47656	LECT-DISC		3	M F	G 52	F L B		J. MORGAN
			3	W	1438	M E B		J. MORGAN

LING 482 TOPICS IN PHONOLOGICAL THEORY.
PREREQUISITE: LING. 402 OR EQUIVALENT.
1 UNIT.

47663	LECT-DISC		730-10PM	TU	G 52	F L B		KISSEBERTH

LING 490 SPECIAL TOPICS IN LINGUISTICS.
1/2 TO 2 UNITS.

47671	CONF	A	ARR					HOCK/MORGAN
47688	CONF	B	ARR					KISSEBERTH/KIM
47695	CONF	C	ARR					ZGUSTA/GREEN
47706	CONF	D	ARR					CHENG AND KENSTOWICZ
47713	CONF	E	ARR					STAFF

LING 499 THESIS RESEARCH.
0 TO 4 UNITS.

47721	CONF	A	ARR					HOCK/MORGAN
47738	CONF	B	ARR					KISSEBERTH/KIM
47745	CONF	C	ARR					ZGUSTA/GREEN
47752	CONF	D	ARR					CHENG AND KENSTOWICZ
47760	CONF	E	ARR					STAFF

DEPARTMENT OFFICE 273 A H

MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUDENTS PREPARING FOR GRADUATE STUDY IN MATHEMATICS, THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STUDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRONOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 362, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS. DEPARTMENTAL HONORS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL, FOR INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 149. INFORMATION REGARDING REQUIREMENTS FOR GRADUATION WITH DISTINCTION IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN MATH. 120 DURING THE FIRST SEMESTER, AND IN MATH. 130 OR 131 DURING THE SECOND SEMESTER OF HIS FRESHMAN YEAR. ADMISSION TO MATH. 120 NORMALLY REQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR MATH. 120 SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURRICULA AND THOSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE BACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISERS REGARDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

MAJOR IN STATISTICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NOT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

MAJOR IN ACTUARIAL SCIENCE

MAJOR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND B. ADM. 261 IN THEIR JUNIOR YEAR.

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140, (OR 131, 141), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FOLLOWING SEQUENCE:
FRESHMEN YEAR: FIRST SEMESTER, MATH. 120; SECOND SEMESTER, MATH. 130 (OR MATH. 131).
SOPHOMORE YEAR: FIRST SEMESTER, MATH. 140 (OR MATH. 141); SECOND SEMESTER, C. S. 101, MATH. 341.
JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND SEMESTER, C. S. 201 OR 301, MATH. 318.
SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

COURSES FOR UNDERGRADUATES

MATH 101 BASIC MATHEMATICS.
4 HOURS.

47777	LECT-DISC	X1	12	MTUWTHF	321	A H
47784	LECT-DISC	X2	12	MTUWTHF	108	A H
47791	LECT-DISC	F1	2	MTUWTHF	447	A H
47802	LECT-DISC	G1	3	MTUWTHF	110	L H

MATH 104 ELEMENTS OF ALGEBRA AND TRIGONOMETRY.
PREREQUISITE: HIGH SCHOOL ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.
3 HOURS.

47810	LECT-DISC	A1	8	M W F	102	A H
47827	LECT-DISC	X1	12	M W F	341	A H

MATH 111 ALGEBRA.
PREREQUISITE: ENTRANCE ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT. STUDENTS HAVING 1-1/2 OR MORE UNITS OF HIGH SCHOOL ALGEBRA MAY NOT TAKE THIS COURSE UNLESS THEY HAVE THE APPROVAL OF THEIR COLLEGE OFFICE.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.
*5 HOURS.

47834	LECT-DISC	A1	8	MTUWTHF	159	D H
47841	LECT-DISC	A2	8	MTUWTHF	155	A H
47859	LECT-DISC	A3	8	MTUWTHF	3	G H
47866	LECT-DISC	B1	9	MTUWTHF	159	D H
47873	LECT-DISC	B2	9	MTUWTHF	204	H H
47881	LECT-DISC	C1	10	MTUWTHF	159	D H
47898	LECT-DISC	C2	10	MTUWTHF	184	L H
47909	LECT-DISC	D1	11	MTUWTHF	159	D H
47916	LECT-DISC	D2	11	MTUWTHF	110	L H
47923	LECT-DISC	X1	12	MTUWTHF	110	A H
47931	LECT-DISC	X2	12	MTUWTHF	141	A H
47948	LECT-DISC	X3	12	MTUWTHF	443	A H
47955	LECT-DISC	E1	1	MTUWTHF	159	D H
47962	LECT-DISC	E2	1	MTUWTHF	110	L H
47970	LECT-DISC	E3	1	MTUWTHF	143	ADMIN
47987	LECT-DISC	F1	2	MTUWTHF	159	D H
47994	LECT-DISC	F2	2	MTUWTHF	110	L H
48007	LECT-DISC	G1	3	MTUWTHF	159	D H
48014	LECT-DISC	G2	3	MTUWTHF	217	G H
48021	LECT-DISC	G3	3	MTUWTHF	143	ADMIN
48039	LECT-DISC	H1	4	MTUWTHF	143	ADMIN
48046	LECT-DISC	H2	4	MTUWTHF	447	A H

MATH 112 COLLEGE ALGEBRA.
PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, PLANE GEOMETRY, 1 UNIT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.
*3 HOURS.

48053	LECT-DISC	A1	8	M	W	F	313	D	H
48061	LECT-DISC	A2	8	M	W	F	341	A	H
48078	LECT-DISC	A3	8	M	W	F	441	A	H
48085	LECT-DISC	A4	8	M	W	F	149	ADMIN	
48092	LECT-DISC	A5	8	M	W	F	110	L	H
48103	LECT-DISC	B1	9	M	W	F	313	D	H
48111	LECT-DISC	B2	9	M	W	F	217	G	H
48128	LECT-DISC	B3	9	M	W	F	149	ADMIN	
48135	LECT-DISC	C1	10	M	W	F	313	D	H
48142	LECT-DISC	C2	10	M	W	F	204	H	H
48150	LECT-DISC	C3	10	M	W	F	441	A	H
48167	LECT-DISC	D1	11	M	W	F	313	D	H
48174	LECT-DISC	D2	11	M	W	F	184	L	H
48181	LECT-DISC	D3	11	M	W	F	204	H	H
48199	LECT-DISC	X1	12	M	W	F	145	A	H
48200	LECT-DISC	X2	12	M	W	F	143	ADMIN	
48217	LECT-DISC	X3	12	M	W	F	343	A	H
48224	LECT-DISC	E1	1	M	W	F	313	D	H
48231	LECT-DISC	E2	1	M	W	F	347	A	H
48249	LECT-DISC	E3	1	M	W	F	3	G	H
48256	LECT-DISC	F1	2	M	W	F	313	D	H
48263	LECT-DISC	F2	2	M	W	F	347	A	H
48271	LECT-DISC	F3	2	M	W	F	204	H	H
48288	LECT-DISC	G1	3	M	W	F	313	D	H
48295	LECT-DISC	G2	3	M	W	F	3	G	H
48306	LECT-DISC	G3	3	M	W	F	443	A	H
48313	LECT-DISC	H1	4	M	W	F	343	A	H
48321	LECT-DISC	H2	4	M	W	F	145	A	H

MATH 114 PLANE TRIGONOMETRY.
PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, OR REGISTRATION IN MATH. 111, PLANE GEOMETRY, 1 UNIT.
2 HOURS.

48338	LECT-DISC	L1	8	TU	TH	102	A H
48345	LECT-DISC	L2	8	TU	TH	108	A H
48352	LECT-DISC	M1	9	TU	TH	102	A H
48360	LECT-DISC	M2	9	TU	TH	108	A H
48377	LECT-DISC	M3	9	TU	TH	110	A H
48384	LECT-DISC	N1	10	TU	TH	102	A H
48391	LECT-DISC	N2	10	TU	TH	108	A H
48402	LECT-DISC	N3	10	TU	TH	110	A H
48410	LECT-DISC	P1	11	TU	TH	102	A H
48427	LECT-DISC	P2	11	TU	TH	108	A H
48434	LECT-DISC	P3	11	TU	TH	110	A H
48441	LECT-DISC	Q1	12	TU	TH	102	A H
48459	LECT-DISC	R1	1	TU	TH	102	A H
48466	LECT-DISC	R2	1	TU	TH	108	A H
48473	LECT-DISC	R3	1	TU	TH	110	A H
48481	LECT-DISC	S1	2	TU	TH	102	A H
48498	LECT-DISC	S2	2	TU	TH	108	A H
48509	LECT-DISC	T1	3	TU	TH	102	A H
48516	LECT-DISC	U1	4	TU	TH	102	A H

MATH 118 INTRODUCTION TO MATHEMATICS, I.
PREREQUISITE: ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT, OR EQUIVALENT.
*MATHEMATICS 118 INVOLVES DUPLICATION OF CREDIT WITH MATH. 104, 111, 112, AND 114.
*4 HOURS.

48523	LECT-DISC	A1	8	MTUWTH	184	L H
48531	LECT-DISC	B1	9	MTUWTH	152	ADMIN
48548	LECT-DISC	C1	10	MTUWTH	217	G H
48555	LECT-DISC	D1	11	MTUWTH	159	A H
48562	LECT-DISC	X1	12	MTUWTH	147	A H
48570	LECT-DISC	F1	2	MTUWTH	184	L H
48587	LECT-DISC	G1	3	MTUWTH	184	L H

MATH 119 INTRODUCTION TO MATHEMATICS, II.
PREREQUISITE: MATH. 118.
4 HOURS.

48594	LECT-DISC	X1	12	MTUWTH	441	A H
48605	LECT-DISC	E1	1	MTUWTH	217	G H
48612	LECT-DISC	F1	2	MTUWTH	152	ADMIN

MATH 120 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 111 OR 112, AND MATH. 114, OR ADEQUATE PLACEMENT TEST SCORE.
5 HOURS.
*SECTIONS &A1 AND &D1 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 SECTION &P.

49358	LECT-DISC	*&A1	8	MTUWTHF	130	A H
48620	LECT-DISC	A2	8	MTUWTHF	43	E E B
48637	LECT-DISC	A3	8	MTUWTHF	163	E E B
48644	LECT-DISC	A4	8	MTUWTHF	141	A H
48651	LECT-DISC	A5	8	MTUWTHF	443	A H
48669	LECT-DISC	A6	8	MTUWTHF	217	G H
48676	LECT-DISC	A7	8	MTUWTHF	152	ADMIN
48683	LECT-DISC	A8	8	MTUWTHF	56	M E B
48691	LECT-DISC	A9	8	MTUWTHF	60	M E B
48701	LECT-DISC	A10	8	MTUWTHF	159	A H
48719	LECT-DISC	A11	8	MTUWTHF	145	A H
48726	LECT-DISC	B1	9	MTUWTHF	163	E E B
48733	LECT-DISC	B2	9	MTUWTHF	168	E E B
48741	LECT-DISC	B3	9	MTUWTHF	60	M E B
48758	LECT-DISC	B4	9	MTUWTHF	110	L H
48765	LECT-DISC	B5	9	MTUWTHF	154	ADMIN
48772	LECT-DISC	B6	9	MTUWTHF	443	A H
48780	LECT-DISC	B7	9	MTUWTHF	205	H H
48797	LECT-DISC	B8	9	MTUWTHF	56	M E B
48808	LECT-DISC	B9	9	MTUWTHF	3	G H
48815	LECT-DISC	C1	10	MTUWTHF	56	M E B
48822	LECT-DISC	C2	10	MTUWTHF	60	M E B
48830	LECT-DISC	C3	10	MTUWTHF	110	L H
48847	LECT-DISC	C4	10	MTUWTHF	159	A H
48854	LECT-DISC	C5	10	MTUWTHF	443	A H
48861	LECT-DISC	C6	10	MTUWTHF	163	E E B
48879	LECT-DISC	C7	10	MTUWTHF	149	ADMIN
48886	LECT-DISC	C8	10	MTUWTHF	445	A H
48893	LECT-DISC	C9	10	MTUWTHF	219	G H
49365	LECT-DISC	*&D1	11	MTUWTHF	165	A H
48904	LECT-DISC	D2	11	MTUWTHF	56	M E B
48911	LECT-DISC	D3	11	MTUWTHF	60	M E B
48929	LECT-DISC	D4	11	MTUWTHF	325	D K H
48936	LECT-DISC	D5	11	MTUWTHF	163	E E B
48943	LECT-DISC	D6	11	MTUWTHF	168	E E B
48951	LECT-DISC	D7	11	MTUWTHF	205	H H
48968	LECT-DISC	D8	11	MTUWTHF	152	ADMIN
48975	LECT-DISC	D9	11	MTUWTHF	217	G H
48982	LECT-DISC	D10	11	MTUWTHF	219	G H
48990	LECT-DISC	X1	12	MTUWTHF	43	E E B
49002	LECT-DISC	X2	12	MTUWTHF	245	E E B
49010	LECT-DISC	X3	12	MTUWTHF	149	ADMIN
49027	LECT-DISC	X4	12	MTUWTHF	152	ADMIN
49034	LECT-DISC	X5	12	MTUWTHF	155	A H
49041	LECT-DISC	X6	12	MTUWTHF	159	A H
49059	LECT-DISC	X7	12	MTUWTHF	445	A H
49066	LECT-DISC	X8	12	MTUWTHF	447	A H
49073	LECT-DISC	E1	1	MTUWTHF	163	E E B
49081	LECT-DISC	E2	1	MTUWTHF	168	E E B
49098	LECT-DISC	E3	1	MTUWTHF	147	A H
49109	LECT-DISC	E4	1	MTUWTHF	155	A H
49116	LECT-DISC	E5	1	MTUWTHF	149	ADMIN
49123	LECT-DISC	E6	1	MTUWTHF	219	G H
49131	LECT-DISC	E7	1	MTUWTHF	305	G H
49148	LECT-DISC	E8	1	MTUWTHF	441	A H
49155	LECT-DISC	F1	2	MTUWTHF	56	M E B
49162	LECT-DISC	F2	2	MTUWTHF	60	M E B
49170	LECT-DISC	F3	2	MTUWTHF	163	E E B
49187	LECT-DISC	F4	2	MTUWTHF	168	E E B
49194	LECT-DISC	F5	2	MTUWTHF	154	ADMIN
49205	LECT-DISC	F6	2	MTUWTHF	217	G H
49212	LECT-DISC	F7	2	MTUWTHF	165	A H
49220	LECT-DISC	F8	2	MTUWTHF	443	A H
49237	LECT-DISC	G1	3	MTUWTHF	445	A H
49244	LECT-DISC	G2	3	MTUWTHF	447	A H
49251	LECT-DISC	G3	3	MTUWTHF	56	M E B
49269	LECT-DISC	G4	3	MTUWTHF	60	M E B
49276	LECT-DISC	G5	3	MTUWTHF	149	ADMIN
49283	LECT-DISC	G6	3	MTUWTHF	219	G H
49291	LECT-DISC	G7	3	MTUWTHF	159	A H
49301	LECT-DISC	H1	4	MTUWTHF	149	ADMIN
49319	LECT-DISC	H2	4	MTUWTHF	443	A H
49326	LECT-DISC	H3	4	MTUWTHF	445	A H
49333	LECT-DISC	H4	4	MTUWTHF	147	A H
49341	LECT-DISC	H5	4	MTUWTHF	155	A H

MATH 124 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, I.
PREREQUISITE: MATH. 111 OR 112.
3 HOURS.

49372	LECT-DISC	A1	E	M	W	F	106	D	K	H
49380	LECT-DISC	A2	8	M	W	F	113	D	K	H
49397	LECT-DISC	A3	8	M	W	F	219	G	H	
49408	LECT-DISC	B1	9	M	W	F	106	D	K	H
49415	LECT-DISC	B2	9	M	W	F	113	D	K	H
49422	LECT-DISC	C1	10	M	W	F	106	D	K	H
49430	LECT-DISC	C2	10	M	W	F	113	D	K	H
49447	LECT-DISC	C3	10	M	W	F	3	G	H	
49454	LECT-DISC	D1	11	M	W	F	106	D	K	H
49461	LECT-DISC	D2	11	M	W	F	113	D	K	H
49479	LECT-DISC	X1	12	M	W	F	106	D	K	H
49486	LECT-DISC	X2	12	M	W	F	113	D	K	H
49493	LECT-DISC	X3	12	M	W	F	3	G	H	
49504	LECT-DISC	E1	1	M	W	F	106	D	K	H
49511	LECT-DISC	E2	1	M	W	F	113	D	K	H
49529	LECT-DISC	F1	2	M	W	F	106	D	K	H
49536	LECT-DISC	F2	2	M	W	F	113	D	K	H
49543	LECT-DISC	F3	2	M	W	F	3	G	H	
49551	LECT-DISC	G1	3	M	W	F	106	D	K	H
49568	LECT-DISC	G2	3	M	W	F	113	D	K	H
49575	LECT-DISC	H1	4	M	W	F	345	A	H	
49582	LECT-DISC	H2	4	M	W	F	152	ADMIN		

MATH 130 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
5 HOURS.

49590	LECT-DISC	A1	8	MTUWTHF	154	ADMIN
49601	LECT-DISC	A2	E	MTUWTHF	445	A H
49618	LECT-DISC	B1	9	MTUWTHF	169	A H
49625	LECT-DISC	C1	10	MTUWTHF	447	A H
49632	LECT-DISC	D1	11	MTUWTHF	245	E E B
49640	LECT-DISC	X1	12	MTUWTHF	165	A H
49657	LECT-DISC	X2	12	MTUWTHF	169	A H
49664	LECT-DISC	E1	1	MTUWTHF	443	A H
49671	LECT-DISC	F1	2	MTUWTHF	219	G H
49689	LECT-DISC	G1	3	MTUWTHF	152	ADMIN
49696	LECT-DISC	H1	4	MTUWTHF	159	A H

MATH 131 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
3 HOURS.

49707	LECT-DISC	A1	8	M	W	F	343	A	H	
49714	LECT-DISC	B1	9	M	W	F	173	A	H	
49721	LECT-DISC	X1	12	M	W	F	345	A	H	
49739	LECT-DISC	F1	2	M	W	F	43	E	E	B
49746	LECT-DISC	G1	3	M	W	F	305	G	H	

MATH 134 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, II.
PREREQUISITE: MATH. 124.
4 HOURS.

49753	LECT-DISC	A1	8	MTUWTH	205	G	H	
49761	LECT-DISC	A2	8	MTUWTH	325	D	K	H
49778	LECT-DISC	B1	9	MTUWTH	205	G	H	
49785	LECT-DISC	C1	10	MTUWTH	205	G	H	
49792	LECT-DISC	D1	11	MTUWTH	205	G	H	
49803	LECT-DISC	X1	12	MTUWTH	205	G	H	
49811	LECT-DISC	X2	12	MTUWTH	325	D	K	H
49828	LECT-DISC	E1	1	MTUWTH	205	G	H	
49835	LECT-DISC	E2	1	MTUWTH	325	D	K	H
49842	LECT-DISC	F1	2	MTUWTH	205	G	H	
49850	LECT-DISC	G1	3	MTUWTH	205	G	H	
49867	LECT-DISC	H1	4	MTUWTH	238	ADMIN		

MATH 135 CALCULUS.

PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL COURSE IN PLANE AND SOLID ANALYTIC GEOMETRY, OR THE EQUIVALENT.
5 HOURS.
*SECTIONS &A1, &D1 AND &E1 APE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATH. 149 SECTION &Q.

50122	LECT-DISC	*&A1	8	MTUWTHF	345	A H
49874	LECT-DISC	A2	8	MTUWTHF	321	A H
49881	LECT-DISC	A3	8	MTUWTHF	156	ADMIN
49899	LECT-DISC	A4	8	MTUWTHF	305	G H
49900	LECT-DISC	A5	8	MTUWTHF	165	A H
49917	LECT-DISC	B1	9	MTUWTHF	325	D K H
49924	LECT-DISC	B2	9	MTUWTHF	445	A H
49931	LECT-DISC	B3	9	MTUWTHF	245	E E B
49949	LECT-DISC	C1	10	MTUWTHF	205	H H
49956	LECT-DISC	C2	10	MTUWTHF	152	ADMIN
49963	LECT-DISC	C3	10	MTUWTHF	153B	M E B
50130	LECT-DISC	*&D1	11	MTUWTHF	169	A H
49971	LECT-DISC	D2	11	MTUWTHF	154	ADMIN
49988	LECT-DISC	D3	11	MTUWTHF	305	G H
49995	LECT-DISC	X1	12	MTUWTHF	173	A H
50001	LECT-DISC	X2	12	MTUWTHF	154	ADMIN
50019	LECT-DISC	X3	12	MTUWTHF	163	E E B
50147	LECT-DISC	*&E1	1	MTUWTHF	159	A H
50026	LECT-DISC	E2	1	MTUWTHF	152	ADMIN
50033	LECT-DISC	E3	1	MTUWTHF	245	E E B
50041	LECT-DISC	F1	2	MTUWTHF	169	A H
50058	LECT-DISC	F2	2	MTUWTHF	153B	M E B
50065	LECT-DISC	F3	2	MTUWTHF	441	A H
50072	LECT-DISC	G1	3	MTUWTHF	165	A H
50080	LECT-DISC	G2	3	MTUWTHF	163	E E B
50097	LECT-DISC	G3	3	MTUWTHF	156	ADMIN
50108	LECT-DISC	H1	4	MTUWTHF	441	A H
50115	LECT-DISC	H2	4	MTUWTHF	165	A H

MATH 140 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 130.
3 HOURS.
*SECTIONS &A1 AND &D1 ARE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATHEMATICS 149 &R.

50396	LECT-DISC	*&A1	8	M W F	108	A H
50154	LECT-DISC	A2	8	M W F	347	A H
50161	LECT-DISC	A3	8	M W F	110	A H
50179	LECT-DISC	A4	8	M W F	447	A H
50186	LECT-DISC	A5	8	M W F	169	A H
50193	LECT-DISC	B1	9	M W F	447	A H
50204	LECT-DISC	B2	9	M W F	219	G H
50211	LECT-DISC	B3	9	M W F	256	M E B
50229	LECT-DISC	C1	10	M W F	305	G H
50236	LECT-DISC	C2	10	M W F	154	ADMIN
50407	LECT-DISC	*&D1	11	M W F	173	A H
50243	LECT-DISC	D2	11	M W F	156	ADMIN
50251	LECT-DISC	D3	11	M W F	3	G H
50268	LECT-DISC	X1	12	M W F	347	A H
50275	LECT-DISC	X2	12	M W F	156	ADMIN
50282	LECT-DISC	X3	12	M W F	168	E E B
50290	LECT-DISC	E1	1	M W F	165	A H
50301	LECT-DISC	E2	1	M W F	154	ADMIN
50318	LECT-DISC	F1	2	M W F	325	D K H
50325	LECT-DISC	F2	2	M W F	445	A H
50332	LECT-DISC	F3	2	M W F	256	M E B
50340	LECT-DISC	G1	3	M W F	169	A H
50357	LECT-DISC	G2	3	M W F	168	E E B
50364	LECT-DISC	G3	3	M W F	238	ADMIN
50371	LECT-DISC	H1	4	M W F	347	A H
50389	LECT-DISC	H2	4	M W F	169	A H

MATH 141 CALCULUS AND ANALYTIC GEOMETRY.

PREREQUISITE: MATH. 131.
5 HOURS.
*SECTIONS &C1 AND &E1 ARE HONORS SECTIONS REQUIRING CONCURRENT REGISTRATION IN MATHEMATICS 149 &S.
*SECTION B1 IS FOR STUDENTS WHO HAVE COMPLETED MATHEMATICS 134.

50414	LECT-DISC	A1	8	MTUWTHF	147	A H
50421	LECT-DISC	A2	8	MTUWTHF	173	A H
50439	LECT-DISC	A3	8	MTUWTHF	238	ADMIN
50624	LECT-DISC	*B1	9	MTUWTHF	238	ADMIN
50446	LECT-DISC	B2	9	MTUWTHF	305	G H

MATH 141 CONTINUED

50453	LECT-DISC	B3	9	MTUWTHF	184	L H
50600	LECT-DISC	*&C1	10	MTUWTHF	165	A H
50461	LECT-DISC	C2	10	MTUWTHF	325	D K H
50478	LECT-DISC	C3	10	MTUWTHF	153A	M E B
50485	LECT-DISC	D1	11	MTUWTHF	238	ADMIN
50492	LECT-DISC	D2	11	MTUWTHF	256	M E B
50503	LECT-DISC	X1	12	MTUWTHF	238	ADMIN
50511	LECT-DISC	X2	12	MTUWTHF	130	A H
50528	LECT-DISC	X3	12	MTUWTHF	110	L H
50617	LECT-DISC	*&E1	1	MTUWTHF	169	A H
50535	LECT-DISC	E2	1	MTUWTHF	173	A H
50542	LECT-DISC	E3	1	MTUWTHF	256	M E B
50550	LECT-DISC	F1	2	MTUWTHF	305	G H
50567	LECT-DISC	F2	2	MTUWTHF	156	ADMIN
50574	LECT-DISC	G1	3	MTUWTHF	173	A H
50581	LECT-DISC	G2	3	MTUWTHF	245	E E B
50599	LECT-DISC	H1	4	MTUWTHF	173	A H

MATH 145 CALCULUS.
PREREQUISITE: MATH. 135.
5 HOURS.

50631	LECT-DISC	A1	8	MTUWTHF	168	E E B
50649	LECT-DISC	E1	1	MTUWTHF	445	A H

MATH 149 HONORS COURSE IN MATHEMATICS.
ENROLLMENT LIMITED TO STUDENTS WITH SUPERIOR MATHEMATICAL TALENTS.
PREREQUISITE: REGISTRATION IN AN HONORS SECTION OF MATH. 120, 130, 131, 140, OR 141; CONSENT OF THE DEPARTMENT.
1 HOUR.
*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 120 &A1 OR &D1.
*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 135 &A1, &D1, OR &E1.
*SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH. 140 &A1 OR &D1.
*SECTION &S REQUIRES CONCURRENT REGISTRATION IN MATH. 141 &C1 OR &E1.

50656	LECT-DISC	*&P	ARR
50663	LECT-DISC	*&Q	ARR
50671	LECT-DISC	*&R	ARR
50688	LECT-DISC	*&S	ARR

MATH 161 STATISTICS.
PREREQUISITE: MATH. 111 OR 112, SOPHOMORE STANDING.
*CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171 OR PSYCH. 135.
*3 HOURS.
STUDENTS WHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN MATH 363 INSTEAD OF MATH 161.

50695	LECT-DISC	F1	2	M W F	173	A H
50706	LECT-DISC	G1	3	M W F	154	ADMIN

MATH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

50713	CONF	ARR

COURSES FOR ADVANCED UNDERGRADUATES

MATH 202 MATHEMATICS FOR ELEMENTARY TEACHERS, I.
PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION.
*NO CREDIT FOR L. A. AND S. STUDENTS.
*5 HOURS.

50721	LECT-DISC	E1	1	MTUWTHF	314	A H	
50738	LECT-DISC	E2	1	MTUWTHF	156	ADMIN	
50745	LECT-DISC	F1	2	MTUWTHF	314	A H	C. PHILLIPS
50752	LECT-DISC	H1	4	MTUWTHF	156	ADMIN	

MATH 203 MATHEMATICS FOR ELEMENTARY TEACHERS, II.
PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR.
*NO CREDIT FOR L. A. AND S. STUDENTS.
*3 HOURS.

50760	LECT-DISC	E1	1	M W F	238	ADMIN	C. PHILLIPS
50777	LECT-DISC	F1	2	M W F	238	ADMIN	

MATH 249 HONORS COURSE IN MATHEMATICS.
PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS OF CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES.
1 HOUR.
*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 347 &D1.
*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 349 &C1.

50784	LECT-DISC	*P		ARR					
50791	LECT-DISC	*Q		ARR					

MATH 263 STATISTICS IN ENGINEERING AND THE PHYSICAL SCIENCES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS.

50802	LECT-DISC	B1	9	M	W	F	I56	ADMIN	
50810	LECT-DISC	C1	10	M	W	F	169	A H	
50827	LECT-DISC	G1	3	M	W	F	110	A H	

MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS.
SAME AS C. S. 287.
PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, CONSENT OF INSTRUCTOR.
3 HOURS.

50834	LECT-DISC	C1	10	M	W	F	238	ADMIN	WATANABE

MATH 291 THESIS AND READING COURSE.
PREREQUISITE: MATH. 347 WITH GRADE OF B OR BETTER, OR CONSENT OF MATHEMATICS HONORS COMMITTEE.
2 HOURS.

50841	CONF		ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MATH 300 THE THEORY OF SETS AND THE REAL NUMBER SYSTEM.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

50859	LECT-DISC	F1	2	M	W	F	159	A H	UHL

MATH 302 TOPICS IN GEOMETRY.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

50866	LECT-DISC	C1	10	M	W	F	321	A H	
50873	LECT-DISC	F1	2	M	W	F	108	A H	

MATH 303 ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

50881	LECT-DISC	D1	11	M	W	F	145	A H	
50898	LECT-DISC	G1	3	M	W	F	341	A H	

MATH 305 TEACHERS COURSE.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION D1 MEETS THE FIRST SIX WEEKS AND THE LAST FOUR WEEKS OF SEMESTER. SECTION M1 MEETS WITHOUT INTERPUPTION THROUGH THE SEMESTER. SECTION D1 IS FOR STUDENTS ENROLLED IN PRACTICE TEACHING

50916	LECT-DISC	*D1	11	MTUWTHF			321	A H	
50909	LECT-DISC	M1	9-1030	TU TH			147	A H	

MATH 306 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I.
PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

50923	LECT-DISC	D1	11	M	W	F	343	A H	
50931	LECT-DISC	K	730-9PM	TU TH			241	A H	

MATH 311 ADVANCED ALGEBRA.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

50948	LECT-DISC	B1	9	M	W	F	108	A H	FERGUSON

MATH 314 INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

50955	LECT-DISC	F1	2	M	W	F	110	A H	ZARING

MATH 315 LINEAR TRANSFORMATIONS AND MATRICES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.
*SECTION A2 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.

50962	LECT-DISC	A1	8	M	W	F	241	A H	
51021	LECT-DISC	*A2	8	M	W	F	143	ADMIN	
50970	LECT-DISC	C1	10	M	W	F	345	A H	
50987	LECT-DISC	N1	1030-12	TU TH			155	A H	
50994	LECT-DISC	X1	12	M	W	F	241	A H	
51007	LECT-DISC	E1	1	M	W	F	341	A H	
51014	LECT-DISC	G1	3	M	W	F	141	A H	

MATH 317 INTRODUCTION TO ABSTRACT ALGEBRA.
PREREQUISITE: MATH. 140, 141, OR 145, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

51039	LECT-DISC	A1	8	M	W	F	243	A H	
51046	LECT-DISC	B1	9	M	W	F	341	A H	
51053	LECT-DISC	C1	10	M	W	F	141	A H	
51061	LECT-DISC	N1	1030-12	TU TH			173	A H	
51078	LECT-DISC	X1	12	M	W	F	243	A H	
51085	LECT-DISC	F1	2	M	W	F	341	A H	ROTMAN
51092	LECT-DISC	H1	4	M	W	F	102	A H	

MATH 318 INTRODUCTION TO LINEAR ALGEBRA.
PREREQUISITE: MATH. 317.
3 HOURS OR 1 UNIT.
*SECTION D1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.

51103	LECT-DISC	B1	9	M	W	F	343	A H	
51111	LECT-DISC	C1	10	M	W	F	173	A H	
51142	LECT-DISC	*D1	11	M	W	F	143	ADMIN	BRAUNFELD
51128	LECT-DISC	E1	1	M	W	F	447	A H	
51135	LECT-DISC	H1	4	M	W	F	108	A H	

MATH 319 APPLIED MODERN ALGEBRA.
PREREQUISITE: MATH. 140 OR 141 OR 145.
3 HOURS OR 1 UNIT.

51150	LECT-DISC	D1	11	M	W	F	345	A H	
51167	LECT-DISC	G1	3	M	W	F	145	A H	

MATH 323 THE ELEMENTS OF GEOMETRY AND TOPOLOGY, I.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT.

51174	LECT-DISC	D1	11	M	W	F	147	A H	FINNEY

MATH 324 THE ELEMENTS OF GEOMETRY AND TOPOLOGY, II.
PREREQUISITE: MATH. 323.
3 HOURS OR 1 UNIT.

51181	LECT-DISC	M1	9-1030	TU TH			145	A H	ALBRECHT

MATH 327 INTRODUCTION TO PROJECTIVE GEOMETRY, I.
PREREQUISITE: MATH. 315 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION G1 ASSUMES MATH. 315.

51199	LECT-DISC	*G1	3	M	W	F	147	A H	TONDEUR

MATH 332 INTRODUCTION TO SET THEORY AND TOPOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MATH. 347.
3 HOURS OR 1 UNIT.

51200	LECT-DISC	B1	9	M	W	F	110	A H	CAIRNS

MATH 341 DIFFERENTIAL EQUATIONS.
PREREQUISITE: MATH. 140 OR 141 OR 145, OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 341 AND 345. CREDIT IS NOT GIVEN FOR BOTH MATH. 341 AND 349.
*3 HOURS OR 1 UNIT.

51217	LECT-DISC	B1	9	M	W	F	141	A H	
51224	LECT-DISC	X1	12	M	W	F	245	A H	
51231	LECT-DISC	F1	2	M	W	F	321	A H	

MATH 342 DIFFERENTIAL EQUATIONS.
PREREQUISITE: MATH. 341 OR 349.
3 HOURS OR 1 UNIT.

51249	LECT-DISC	X1	12	M	W	F	247	A	H	
51256	LECT-DISC	F1	2	M	W	F	343	A	H	
51263	LECT-DISC	G1	3	M	W	F	343	A	H	
51271	LECT-DISC	H1	4	M	W	F	110	A	H	

MATH 343 ADVANCED CALCULUS.
PREREQUISITE: MATH. 140, 141, OR 145, OR THE EQUIVALENT.
3 HOURS OR 1 UNIT.
*SECTION F1 IS RESTRICTED TO STUDENTS IN THE TEACHER TRAINING CURRICULUM IN MATHEMATICS.

51288	LECT-DISC	A1	8	M	W	F	245	A	H	
51295	LECT-DISC	A2	[illegible]	M	W	F	247	A	H	
51306	LECT-DISC	B1	9	M	W	F	345	A	H	
51313	LECT-DISC	C1	10	M	W	F	314	A	H	PETERS
51321	LECT-DISC	D1	11	M	W	F	347	A	H	
51338	LECT-DISC	X1	12	M	W	F	257	A	H	
51345	LECT-DISC	E1	1	M	W	F	321	A	H	
51384	LECT-DISC	*F1	2	M	W	F	143	ADMIN		
51352	LECT-DISC	F2	2	M	W	F	141	A	H	
51360	LECT-DISC	G1	3	M	W	F	345	A	H	
51377	LECT-DISC	H1	4	M	W	F	130	A	H	

MATH 345 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
PREREQUISITE: MATH. 140 OR 141 OR 145, OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND 341. CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND 349.
*3 HOURS OR 1 UNIT.

51391	LECT-DISC	A1	8	M	W	F	314	A	H	LANGEBARTEL
51402	LECT-DISC	B1	9	M	W	F	145	A	H	
51410	LECT-DISC	B2	9	M	W	F	347	A	H	
51427	LECT-DISC	M1	9-1030	TU	TH		143	ADMIN		
51434	LECT-DISC	C1	10	M	W	F	43	E	E	B RUBEL
51441	LECT-DISC	N1	1030-12	TU	TH		43	E	E	B
51459	LECT-DISC	D1	11	M	W	F	447	A	H	SCOTT
51466	LECT-DISC	X1	12	M	W	F	102	A	H	
51473	LECT-DISC	E1	1	M	W	F	43	E	E	B
51481	LECT-DISC	F1	2	M	W	F	345	A	H	
51498	LECT-DISC	G1	3	M	W	F	43	E	E	B
51509	LECT-DISC	H1	4	M	W	F	341	A	H	

MATH 346 COMPLEX VARIABLES AND APPLICATIONS.
PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.
*3 HOURS OR 1 UNIT.

51516	LECT-DISC	A1	8	M	W	F	257	A	H	CONVERSE
51523	LECT-DISC	D1	11	M	W	F	441	A	H	
51531	LECT-DISC	E1	1	M	W	F	343	A	H	
51548	LECT-DISC	H1	4	M	W	F	141	A	H	PORTA

MATH 347 INTRODUCTION TO HIGHER ANALYSIS: REAL VARIABLES.
PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION &D1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 249 SECTION &P.
*SECTION B1 IS RESTRICTED TO ACADEMIC YEAR INSTITUTE STUDENTS.

51612	LECT-DISC	*B1	9	M	W	F	321	A	H	ZARING
51555	LECT-DISC	M1	9-1030	TU	TH		441	A	H	
51562	LECT-DISC	C1	10	M	W	F	347	A	H	
51605	LECT-DISC	*&D1	11	M	W	F	155	A	H	
51570	LECT-DISC	E1	1	M	W	F	141	A	H	LOTZ
51587	LECT-DISC	G1	3	M	W	F	347	A	H	
51594	LECT-DISC	H1	4	M	W	F	321	A	H	PECK

MATH 348 INTRODUCTION TO HIGHER ANALYSIS: COMPLEX VARIABLES.
PREREQUISITE: MATH. 347.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.
*3 HOURS OR 1 UNIT.

51620	LECT-DISC	D1	11	M	W	F	443	A	H	DIAMOND
51637	LECT-DISC	F1	2	M	W	F	145	A	H	BERNDT

ATH 349 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
PREREQUISITE: GRADE OF B OR HIGHER IN MATH. 347; AND FOR UNDERGRADUATES, REGISTRATION IN MATH. 249.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND 341. CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND 345.
*3 HOURS OR 1 UNIT.
SECTION &C1 IS AN HONORS SECTION AND REQUIRES CONCURRENT REGISTRATION IN MATH. 249 &Q.

51644	LECT-DISC	&C1	10	M W F	108	A H		H. BENZINGER

IATH 351 TOPICS IN APPLIED MATHEMATICS.
PREREQUISITE: MATH. 301 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION S1 CONSIDERS GRAPH THEORY WITH APPLICATIONS.
*SECTION B1 CONSIDERS OPTIMIZATION IN INTEGERS AND RELATED EXTREMAL PROBLEMS.

51651	LECT-DISC	*B1	9	M W F	147	A H		DIAMOND
51669	LECT-DISC	*S1	2-330	TU TH	110	A H		BROWN

MATH 352 MULTIVARIATE REAL ANALYSIS.
PREREQUISITE: MATH. 347.
3 HOURS OR 1 UNIT.

51676	LECT-DISC	G1	3	M W F	155	A H		BARTLE

MATH 353 ELEMENTARY THEORY OF NUMBERS.
PREREQUISITE: MATH. 140, 141, OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

51683	LECT-DISC	C1	10	M W F	143	ADMIN		
51691	LECT-DISC	E1	1	M W F	345	A H		ULLOM

MATH 354 THEORY OF ALGEBRAIC NUMBERS.
PREREQUISITE: MATH. 317 OR 353.
3 HOURS OR 1 UNIT.

51701	LECT-DISC	E1	1	M W F	145	A H		STEINIG

MATH 361 THEORY OF PROBABILITY, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

51719	LECT-DISC	B1	9	M W F	441	A H		HELMS
51726	LECT-DISC	F1	2	M W F	147	A H		
51733	LECT-DISC	S1	2-330	TU TH	141	A H		R. ASH
51741	LECT-DISC	G1	3	M W F	321	A H		R. ALEXANDER

MATH 363 ADVANCED STATISTICS, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.
*SECTION G1 IS FOR STUDENTS IN BUSINESS AND SOCIAL SCIENCE.

51758	LECT-DISC	B1	9	M W F	43	E E B		
51765	LECT-DISC	F1	2	M W F	155	A H		RUBEL
51772	LECT-DISC	*G1	3	M W F	441	A H		BURKHOLDER

MATH 364 ADVANCED STATISTICS, II.
PREREQUISITE: MATH. 363.
3 HOURS OR 1 UNIT.

51780	LECT-DISC	D1	11	M W F	43	E E B		

MATH 365 ANALYSIS OF VARIANCE.
PREREQUISITE: CREDIT OR CONCURRENT REGISTRATION IN MATH. 364 AND 315.
3 HOURS OR 1 UNIT.

51797	LECT-DISC	B1	9	M W F	155	A H		

MATH 366 THEORY OF PROBABILITY.
PREREQUISITE: MATH. 361 OR 363.
3 HOURS OR 1 UNIT.

51808	LECT-DISC	C1	10	M W F	145	A H		W. STOUT

MATH 369 PROBABILITY THEORY.
PREREQUISITE: MATH. 347.
3 HOURS OR 1 UNIT.

51815	LECT-DISC	N1	1030-12	TU TH	345	A H		WOLFOWITZ

MATH 372 ACTUARIAL THEORY, II.
PREREQUISITE: MATH. 371.
3 HOURS OR 1 UNIT.

51822	LECT-DISC	F1	2	M W F	149	ADMIN	PETERS

MATH 381 VECTOR AND TENSOR ANALYSIS.
PREREQUISITE: MATH. 343 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

51830	LECT-DISC	C1	10	M W F	155	A H	BISHOP

MATH 382 VECTOR, TENSOR, AND MATRIX METHODS IN APPLIED MATHEMATICS.
PREPEQUISITE: MATH. 381 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

51847	LECT-DISC	C1	10	M W F	156	ADMIN	LANGEBARTEL

MATH 383 LINEAR PROGRAMMING.
SAME AS C. S. 383.
PREREQUISITE: ONE YEAR OF CALCULUS.
3 HOURS OR 1 UNIT.

51854	LECT-DISC	B1	9	M W F	159	A H	

MATH 387 NUMERICAL ANALYSIS.
SAME AS C. S. 387.
PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

51861	LECT-DISC	B1	9	M W F	165	A H	SAMEH

MATH 388 MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT.
*SECTION B1 CONSIDERS NUMERICAL METHODS OF ORDINARY DIFFERENTIAL EQUATIONS.
*SECTION R1 CONSIDERS APPLIED STATISTICS AND PRESUMES MATH. 363 (OR CONSENT OF INSTRUCTOR).

51886	LECT-DISC	*B1	9	M W F	143	ADMIN	H. BENZINGER
51879	LECT-DISC	D1	11	M W F	445	A H	BELFORD
51893	LECT-DISC	*R1	1-4	TU	145	A H	

MATH 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS C. S. AND E. E. 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

51904	LECT-DISC	C1	10	M W F	245	E E B	MUROGA
51911	LECT-DISC	D1	11	M W F	149	ADMIN	MULLER

MATH 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS C. S. AND E. E. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

51929	LECT-DISC	N1	10-1130	TU TH	156	ADMIN	METZE

COURSES FOR GRADUATES

MATH 400 GENERAL SEMINAR.

51936	LECT-DISC	U1	4	TU TH	314	A H	

MATH 401 SECOND COURSE IN ABSTRACT ALGEBRA, I.
PREREQUISITE: MATH. 317 AND 318.
1 UNIT.

51943	LECT-DISC	D1	11	M W F	241	A H	
51951	LECT-DISC	F1	2	M W F	241	A H	

MATH 402 SECOND COURSE IN ABSTRACT ALGEBRA, II.
PREREQUISITE: MATH. 401.
1 UNIT.

51968	LECT-DISC	G1	3	M W F	241	A H	

MATH 404 GROUP THEORY.
PREREQUISITE: MATH. 401 AND 402 OR EQUIVALENT.
1 UNIT.

51975	LECT-DISC	H1	4	M W F	241	A H	SUZUKI

MATH 405 ALGEBRAIC NUMBER THEORY.
PREREQUISITE: MATH. 401 AND 402 OR EQUIVALENT.
1 UNIT.

51982	LECT-DISC	G1	3	M	W	F	243	A H	ULLOM

MATH 406 HOMOLOGICAL ALGEBRA.
PREREQUISITE: MATH. 402 OR EQUIVALENT.
1 UNIT.

51990	LECT-DISC	E1	1	M	W	F	241	A H	GRIFFITH

MATH 407 GROUP REPRESENTATION THEORY.
PREREQUISITE: MATH. 401, 402 OR EQUIVALENT.
1 UNIT.

52002	LECT-DISC	C1	10	M	W	F	241	A H	IRVING REINER

MATH 408 LIE-ALGEBRAS.
PREREQUISITE: MATH. 401, AND CREDIT FOR OR CONCURRENT REGISTRATION IN MATH. 402.
1 UNIT.

52010	LECT-DISC	F1	2	M	W	F	243	A H	WALTER

MATH 410 LOGICAL FOUNDATIONS OF MATHEMATICS, I.
PREREQUISITE: MATH. 314 OR 317 OR 347 OR PHIL. 333 OR CONSENT OF INSTRUCTOR.
1 UNIT.

52027	LECT-DISC	C1	10	M	W	F	243	A H	APPEL

MATH 411 LOGICAL FOUNDATIONS OF MATHEMATICS, II.
PREREQUISITE: MATH. 410.
1 UNIT.

52034	LECT-DISC	C1	10	M	W	F	245	A H	JOCKUSCH

MATH 412 RECURSIVE FUNCTION THEORY.
PREREQUISITE: MATH. 410 OR CONSENT OF INSTRUCTOR.
1 UNIT.

52041	LECT-DISC	C1	10	M	W	F	247	A H	BOONE

MATH 415 ADVANCED TOPICS IN THE THEORY OF GROUPS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52059	LECT-DISC	D1	11	M	W	F	243	A H	DADE
52066	LECT-DISC	G1	3	M	W	F	245	A H	D. ROBINSON

MATH 416 ADVANCED TOPICS IN ABSTRACT ALGEBRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
SECTION N1 CONSIDERS APPLIED MODERN ALGEBRA.
*SECTION E1 CONSIDERS RECURSIVE FUNCTIONS THEORY.
*SECTION E2 CONSIDERS SEPARABLE ALGEBRAS.
*SECTION F1 CONSIDERS GRAPH THEORY.
*SECTION G1 CONSIDERS CATEGORY THEORY.

52073	LECT-DISC	*C1	10	M	W	F	257	A H	
52131	LECT-DISC	N1	1030-12	TU	TH		130	A H	BROWN
52081	LECT-DISC	*E1	1	M	W	F	243	A H	MC LAUGHLIN
52098	LECT-DISC	*E2	1	M	W	F	245	A H	GARFINKEL
52109	LECT-DISC	*F1	2	M	W	F	245	A H	PARKER
52116	LECT-DISC	*G1	3	M	W	F	247	A H	J. GRAY
52123	LECT-DISC	H1	4	M	W	F	243	A H	JANUSZ

MATH 423 DIFFERENTIABLE MANIFOLDS.
PREREQUISITE: MATH. 323-324 OR CONSENT OF INSTRUCTOR.
1 UNIT.

52148	LECT-DISC	N1	1030-12	TU	TH		141	A H	OSBORN

MATH 425 LINEAR ANALYSIS ON MANIFOLDS, I.
PREREQUISITE: MATH. 423 AND 431, OR CONSENT OF INSTRUCTOR.
1 UNIT.

52155	LECT-DISC	N1	1030-12	TU	TH		441	A H	ALBRECHT

MATH 428 TOPICS IN GEOMETRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION M1 CONSIDERS GEOMETRY OF NUMBERS.
*SECTION D1 CONSIDERS TOPOLOGY OF RIEMANN MANIFOLDS.
*SECTION F1 CONSIDERS LINEAR ANALYSIS ON MANIFOLDS.

52162	LECT-DISC	*M1	9-1030	TU TH		130	A H		STOLARSKY
52170	LECT-DISC	*D1	11	M	W F	245	A H		GOLDBERG
52187	LECT-DISC	*E1	1	M	W F	247	A H		
52194	LECT-DISC	*F1	2	M	W F	247	A H		KAMBER

MATH 430 ELEMENTARY GEOMETRY FROM A MODERN VIEWPOINT.
PREREQUISITE: ONE YEAR OF EXPERIENCE IN THE TEACHING OF HIGH SCHOOL MATHEMATICS, CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION E1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.

52205	LECT-DISC	*E1	1	M	W F	257	A H		WETZEL

MATH 431 ALGEBRAIC TOPOLOGY, I.
PREREQUISITE: MATH. 318, 332, AND CONCURRENT REGISTRATION IN MATH. 401, OR CONSENT OF INSTRUCTOR.
1 UNIT.

52212	LECT-DISC	C1	10	M	W F	102	A H		CRAGGS

MATH 433 FIBRE SPACES AND CHARACTEPISTIC CLASSES.
PREREQUISITE: MATH. 432.
1 UNIT.

52220	LECT-DISC	E1	1	M	W F	130	A H		TONDEUR

MATH 434 POLYHEDRAL TOPOLOGY.
PREREQUISITE: MATH. 431 AND 435.
1 UNIT.

52237	LECT-DISC	H1	4	M	W F	245	A H		HAMSTROM

MATH 435 GENERAL TOPOLOGY, I.
PREREQUISITE: MATH. 332 OR CONSENT OF INSTRUCTOR.
1 UNIT.

52244	LECT-DISC	D1	11	M	W F	247	A H		JERRARD

MATH 436 GENERAL TOPOLOGY, II.
PREREQUISITE: MATH. 435.
1 UNIT.

52251	LECT-DISC	B1	9	M	W F	241	A H		FINNEY

MATH 438 TOPICS IN TOPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 CONSIDERS ELEMENTARY DIFFERENTIAL TOPOLOGY.

52269	LECT-DISC	*D1	11	M	W F	257	A H		FRANCIS

MATH 439 SEMINAR IN TOPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52276	LECT-DISC	F1	2	M	W F	257	A H		
52283	LECT-DISC	M1	9	TU TH		241	A H		
52291	LECT-DISC	N1	10	TU TH		241	A H		
52301	LECT-DISC	P1	11	TU TH		241	A H		
52319	LECT-DISC	R1	1	TU TH		241	A H		
52326	LECT-DISC	S1	2	TU TH		241	A H		
52333	LECT-DISC	T1	3	TU TH		241	A H		

MATH 440 THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I.
PREREQUISITE: MATH. 348, OR MATH. 346 AND MATH. 347.
1 UNIT.

52341	LECT-DISC	D1	11	M	W F	102	A H		MILES

MATH 441 REAL ANALYSIS, I.
PREREQUISITE: MATH. 347 OR EQUIVALENT.
1 UNIT.

52358	LECT-DISC	E1	1	M	W F	102	A H		PERESSINI
52365	LECT-DISC	H1	4	M	W F	247	A H		UHL

MATH 442 REAL ANALYSIS, II.
PREREQUISITE: MATH. 441.
1 UNIT.

52372	LECT-DISC	C1	10	M	W	F	110	A H	HELMS

MATH 443 ORDINARY DIFFERENTIAL EQUATIONS.
PREREQUISITE: MATH. 347 AND A FIRST COURSE IN ORDINARY DIFFERENTIAL EQUATIONS.
1 UNIT.

52380	LECT-DISC	F1	2	M	W	F	102	A H	BANK

MATH 444 PARTIAL DIFFERENTIAL EQUATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52397	LECT-DISC	D1	11	M	W	F	108	A H	

MATH 446 HILBERT SPACE.
PREREQUISITE: MATH. 442.
1 UNIT.

52408	LECT-DISC	E1	1	M	W	F	108	A H	E. BERKSON

MATH 447 BANACH SPACES.
PREREQUISITE: MATH. 442.
1 UNIT.

52415	LECT-DISC	B1	9	M	W	F	243	A H	M. DAY

MATH 449 NORMED RINGS.
PREREQUISITE: MATH. 318 AND 446 OR 447.
1 UNIT.

52422	LECT-DISC	C1	10	M	W	F	130	A H	SHERBERT

MATH 451 THEORY OF PROBABILITY, I.
PREREQUISITE: MATH. 442.
1 UNIT.

52430	LECT-DISC	G1	3	M	W	F	257	A H	

MATH 453 ANALYTIC THEORY OF NUMBERS, I.
PREREQUISITE: MATH. 317 AND 348.
1 UNIT.

52447	LECT-DISC	C1	10	M	W	F	147	A H	P. BATEMAN

MATH 455 MATHEMATICAL METHODS OF PHYSICS, I.
PREREQUISITE: MATH. 348.
1 UNIT.

52454	LECT-DISC	B1	9	M	W	F	245	A H	
52461	LECT-DISC	C1	10	M	W	F	341	A H	

MATH 456 MATHEMATICAL METHODS OF PHYSICS, II.
PREREQUISITE: MATH. 455.
1 UNIT.

52479	LECT-DISC	B1	9	M	W	F	247	A H	WITZ

MATH 457 ADVANCED NUMERICAL ANALYSIS.
SAME AS C. S. 457.
PREREQUISITE: C. S. OR MATH. 387 OR CONSENT OF INSTRUCTOR.
1 UNIT.

52486	LECT-DISC	S1	2	M	W	F	302	ARCH	SAYLOR

MATH 463 INFORMATION THEORY.
SAME AS C. S. AND E. E. 463.
PREREQUISITE: MATH. 361 OR EQUIVALENT.
1 UNIT.

52493	LECT-DISC	L1	830-10	TU	TH		256	M E B	PREPARATA

MATH 465 TOPICS IN AUTOMATA THEORY.
SAME AS C. S. AND E. E. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.

52504	LECT-DISC	B1	9	M	W	F	257	A H	MULLER

MATH 468 TOPICS IN ANALYSIS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 CONSIDERS BROWNIAN MOTION AND FELLER PROCESSES.
*SECTION F1 CONSIDERS POTENTIAL THEORY.
*SECTION G1 CONSIDERS MEASURE THEORY.
*SECTION G2 CONSIDERS RIEMANN SURFACE THEORY (ASSUMES MATH. 440).
*SECTION H1 CONSIDERS TOPICS IN PARTIAL DIFFERENTIAL EQUATIONS.

52511	LECT-DISC	*D1	11	M W F	130	A H			KNIGHT
52529	LECT-DISC	*F1	2	M W F	130	A H			BURKHOLDER
52536	LECT-DISC	*G1	3	M W F	130	A H			R. ASH
52543	LECT-DISC	*G2	3	M W F	102	A H			HEINS
52551	LECT-DISC	*H1	4	M W F	257	A H			R. CARROLL

MATH 469 SEMINAR IN ANALYSIS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 CONSIDERS ARITHMETICAL FUNCTIONS.

52625	LECT-DISC	*D1	11	M W F	110	A H			BERNDT
52568	LECT-DISC	M1	9	TU TH	243	A H			
52575	LECT-DISC	N1	10	TU TH	243	A H			
52582	LECT-DISC	P1	11	TU TH	243	A H			
52590	LECT-DISC	R1	1	TU TH	243	A H			
52601	LECT-DISC	S1	2	TU TH	243	A H			
52618	LECT-DISC	T1	3	TU TH	243	A H			

MATH 470 STATISTICAL DECISION FUNCTIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52632	LECT-DISC	E1	1	M W F	110	A H			

MATH 474 THE THEORY OF ESTIMATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52640	LECT-DISC	B1	9	M W F	130	A H			WIJSMAN

MATH 478 TOPICS IN STATISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52657	LECT-DISC	D1	11	M W F	341	A H			
52664	LECT-DISC	G1	3	M W F	108	A H			

MATH 488 TOPICS IN APPLIED MATHEMATICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION C1 CONSIDERS SPECIAL FUNCTIONS.
*SECTION D1 CONSIDERS SINGULAR INTEGRAL OPERATORS.

52671	LECT-DISC	*C1	10	M W F	343	A H			SCOTT
52689	LECT-DISC	*D1	11	M W F	141	A H			TING

MATH 489 SEMINAR IN APPLIED MATHEMATICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

52696	LECT-DISC	B1	9	M W F	102	A H			
52707	LECT-DISC	M1	9	TU TH	245	A H			
52714	LECT-DISC	N1	10	TU TH	245	A H			
52721	LECT-DISC	P1	11	TU TH	245	A H			
52739	LECT-DISC	R1	1	TU TH	245	A H			
52746	LECT-DISC	S1	2	TU TH	245	A H			
52753	LECT-DISC	T1	3	TU TH	245	A H			

MATH 490 READING COURSE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

52761	CONF	A	ARR						STAFF
52778	CONF	B	ARR						STAFF
52785	CONF	C	ARR						STAFF

MATH 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.

52792	CONF		ARR						STAFF

COURSES FOR UNDERGRADUATES

M E 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY.
PREREQUISITE: CHEM. 102, PHYCS. 106, AND CREDIT OR REGISTRATION IN MATH. 140, 145 OR 141.
4 HOURS.

52803	LECT-DISC	BL1	9	M W F	218	M E B
	LAB	BL1	9-12	TU	217	M E B
		BL1	9-12	TU	218	M E B
52811	LECT-DISC	BL3	9	M W F	219	M E B
	LAB	BL3	9-12	TH	217	M E B
		BL3	9-12	TH	218	M E B
52828	LECT-DISC	CQ1	10	M W F	218	M E B
	LAB	CQ1	2-5	TU	217	M E B
		CQ1	2-5	TU	218	M E B

M E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

52835	CONF	Y	ARR			

COURSES FOR ADVANCED UNDERGRADUATES

M E 202 THERMODYNAMICS AND HEAT TRANSFER.
PREREQUISITE: MATH. 345, PHYCS. 107, T. A. M. 154 OR 211.
3 HOURS.

52842	LECT-DISC	A	8	M W F	218	M E B
52850	LECT-DISC	B	9	M W F	110	M E B
52867	LECT-DISC	C	10	M W F	253	M E B
52874	LECT-DISC	E	1	M W F	135	M E B
52881	LECT-DISC	F	2	M W F	204	M E L
52895	LECT-DISC	G	3	M W F	204	M E L

M E 205 THERMODYNAMICS.
PREREQUISITE: MATH. 140, 145 OR 141, PHYCS. 107.
3 HOURS.
*SECTION &C1 IS AN HONORS SECTION.

52956	LECT-DISC	*&C1	10	M F	135	M E B
		*&C1	10-12	W	135	M E B
52900	LECT-DISC	C2	10	M F	236	M E B
		C2	10-12	W	236	M E B
52917	LECT-DISC	C3	10	M F	110	M E B
		C3	10-12	W	110	M E B
52924	LECT-DISC	G1	3	M F	135	M E B
		G1	3-5	W	135	M E B
52931	LECT-DISC	G2	3	M F	236	M E B
		G2	3-5	W	236	M E B
52949	LECT-DISC	G3	3	M F	336	M E B
		G3	3-5	W	336	M E B

M E 206 THERMODYNAMICS.
PREREQUISITE: M. E. 205.
3 HOURS.

52963	LECT-DISC	B1	9	M W F	253	M E B
52971	LECT-DISC	B2	9	M W F	204	M E L
52988	LECT-DISC	F1	2	M W F	218	M E B
52995	LECT-DISC	F2	2	M W F	243	M E B

M E 207 THERMODYNAMICS.
PREREQUISITE: MATH. 140, 145 OR 141, PHYCS. 107.
3 HOURS.
STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE DISC SECTION.

53008	LECT	G1	3	M W F	218	M E B
53015	LECT	G2	3	M W F	253	M E B
53022	LECT	H	4	M W F	204	M E L
53030	DISC	P1	1	TU	336	M E B
53047	DISC	Q1	2	TU	336	M E B
53054	DISC	R1	3	TU	335	M E B
53061	DISC	S1	4	TU	335	M E B
53079	DISC	P3	1	TH	336	M E B
53086	DISC	Q3	2	TH	336	M E B
53093	DISC	R3	3	TH	253	M E B
53104	DISC	S3	4	TH	253	M E B

M E 209 THERMODYNAMICS AND HEAT TRANSFER.
PREREQUISITE: MATH. 140, 145 OR 141, PHYCS. 107.
3 HOURS.

53111	LECT-DISC	B	9	M	W	F	135 M E B

M E 210 INTRODUCTION TO ENGINEERING EXPERIMENTATION.
PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220.
3 HOURS.
STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.

53129	LECT-DISC	A	8	M		F	110 M E B
53136	LAB	L1	9-12	TU			M E LAB
53143	LAB	L3	9-12		TH		M E LAB
53151	LAB	Q1	2-5	TU			M E LAB
53168	LAB	Q3	2-5		TH		M E LAB

M E 211 INTRODUCTORY GAS DYNAMICS.
PREREQUISITE: MATH. 345, PHYSC. 107, AND M. E. 210(OR CONCURRENTLY)
3 HOURS.

53175	LECT-DISC	B	9	M	W	F	236 M E B
53182	LECT-DISC	E	1	M	W	F	218 M E B
53190	LECT-DISC	F	2	M	W	F	110 M E B

M E 213 HEAT TRANSFER.
PREREQUISITE: M. E. 211.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH M. E. 213 AND 254.
*3 HOURS.

53201	LECT-DISC	A	8	M	W	F	253 M E B
53218	LECT-DISC	E	1	M	W	F	253 M E B

M E 220 MECHANICS OF MACHINERY.
PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211,
AND CREDIT OR REGISTRATION IN C. S. 101.
4 HOURS.

53225	LAB-DISC	A1	8-10	M	W	F	353 M E B
53232	LAB-DISC	A2	8-10	M	W	F	343 M E B
53240	LAB-DISC	C1	10-12	M	W	F	353 M E B
53257	LAB-DISC	C2	10-12	M	W	F	343 M E B
53264	LAB-DISC	E1	1-3	M	W	F	353 M E B
53271	LAB-DISC	E2	1-3	M	W	F	343 M E B

M E 224 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 220 OR T. A. M. 221.
3 HOURS.

53289	LECT-DISC	A1	8-10	M	W	F	336 M E B
53296	LECT-DISC	C1	10-12	M	W	F	336 M E B
53307	LECT-DISC	C2	10-12	M	W	F	344 M E B
53314	LECT-DISC	E1	1-3	M	W	F	336 M E B

M E 234 HEAT TREATMENT OF METALS.
PREREQUISITE: T. A. M. 221, CREDIT OR REGISTRATION IN M. E. 224 AND
3 HOURS.
STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.

53321	LECT	K	8	TU	TH		110 M E B
53339	LECT	D	11	M		F	110 M E B
53346	LECT	P	1	TU	TH		110 M E B
53353	LAB	L1	9-12	TU			110 M E B
		L1	9-12	TU			114 M E B
53361	LAB	L3	9-12		TH		110 M E B
		L3	9-12		TH		114 M E B
53378	LAB	Q1	2-5	TU			110 M E B
		Q1	2-5	TU			114 M E B
53385	LAB	Q3	2-5		TH		110 M E B
		Q3	2-5		TH		114 M E B

M E 250 THERMO SCIENCE LABORATORY.
PREREQUISITE: M. E. 205 AND 213.
3 HOURS.

53392	LAB	B	9-12	M		F	319 M E L
		B	9-12	M		F	320 M E L
		B	9-12	M		F	101 M E B
		B	9-12	M		F	M E LAB
53403	LAB	F	2-5	M		F	319 M E L
		F	2-5	M		F	320 M E L
		F	2-5	M		F	101 M E B
		F	2-5	M		F	M E LAB

M E 252 HEATING AND AIR CONDITIONING FOR ARCHITECTS.
PREREQUISITE: JUNIOR STANDING.
4 HOURS.

53411	LECT-DISC	D	12	MTUWTH	101	ARMORY

M E 254 HEAT TRANSFER AND GAS DYNAMICS.
PREREQUISITE: M. E. 205, CREDIT OR REGISTRATION IN T. A. M. 235.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH M. E. 213 AND 254.
*3 HOURS.

53428	LECT-DISC	D	11	M W F	204	M E L

M E 257 GAS TURBINES.
PREREQUISITE: M. E. 206, AND 212 OR EQUIVALENT.
3 HOURS.

53435	LECT-DISC	L	9	TU TH	236	M E B
53442	LAB	M1	10-12	TU	101	M E B
53450	LAB	M3	10-12	TH	101	M E B

M E 265 PRINCIPLES OF CONTROL SYSTEMS.
PREREQUISITE: M. E. 210 OR SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS.
STUDENTS MUST REGISTER IN LECT-DISC AND IN ONE LAB SECTION.

53467	LECT-DISC	E	1	M F	110	M E B
53474	LAB	L1	9-12	TU	M E LAB	
53481	LAB	L3	9-12	TH	M E LAB	
53499	LAB	Q1	2-5	TU	M E LAB	
53500	LAB	Q3	2-5	TH	M E LAB	

M E 271 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 224.
3 HOURS.
*SECTION &E1 IS AN HONORS SECTION.

53517	LECT-DISC	A1	8-10	M W F	335	M E B
53524	LECT-DISC	C1	10-12	M W F	349	M E B
53531	LECT-DISC	C2	10-12	M W F	335	M E B
53556	LECT-DISC	*&E1	1-3	M W F	349	M E B
53549	LECT-DISC	E2	1-3	M W F	249	M E B

M E 284 WELDING ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

53563	LECT-DISC	GM1	3	M F	335	M E B
		GM1	9	TU	335	M E B
	LAB	GM1	10-12	TU	215	M E B

M E 290 SENIOR PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING.
*MAY BE REPEATED FOR CREDIT.
*2 HOURS.

53571	CONF	Y	ARR

M E 291 SEMINAR.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR.

53588	LECT	H	4	M	218	M E B

M E 293 SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.

53595	CONF	Y	ARR			
53606	CONF	Z	ARR			
53613	CONF	YY	9	M W F	101	WOODSHOP
53621	CONF	ZZ	10	M W F	101	WOODSHOP

M E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

53638	CONF	&Z	ARR

M E 301 THERMODYNAMICS.
PREREQUISITE: M. E. 206, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

53645	LECT		3	M W F	344	M E B	SOO

M E 302 NUCLEAR POWER ENGINEERING.
SAME AS NUC. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

53652	LECT-DISC		9	M W F	235	M E B	

M E 303 DYNAMICS OF AEROSOLS AND HYDROSOLS.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

53660	LECT-DISC		ARR				MORRISON

M E 305 THERMODYNAMICS OF HIGH VELOCITY FLOW.
PREREQUISITE: M. E. 206 OR 211 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

53677	LECT-DISC		11	M W F	218	M E B	ADDY, WHITE

M E 306 INDUSTRIAL HEAT TRANSFER.
PREREQUISITE: UNDERGRADUATE COURSES IN FLUID MECHANICS AND HEAT TRANSFER.
4 HOURS OR 1 UNIT.

53684	LECT-DISC		3-5	TU TH	336	M E B	CLAUSING

M E 309 EXPERIMENTAL GAS DYNAMICS.
PREREQUISITE: M. E. 211 OR 305 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

53691	LECT-DISC		ARR				ADDY, CHOW, WHITE

M E 311 INSTRUMENTATION AND MEASUREMENTS.
SAME AS AG. E. 311.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.
3 OR 4 HOURS, OR 3/4 OR 1 UNIT.

53702	LECT		9	M W F	132	AGR ENG	HOAG
53710	LAB	1	3-5	TH	121	AGR ENG	HOAG
53727	LAB	2	8-10	TH	121	AGR ENG	HOAG

M E 312 MODERN CONTROL THEORY.
PREREQUISITE: M. E. 265, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

53734	LECT		1	M W F	236	M E B	KLEIN

M E 321 REGRIGERATION AND CRYOGENICS.
PREREQUISITE: M. E. 206, 211, AND 213, OR THEIR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

53741	LECT-DISC		3	M W F	110	M E B	CHATO

M E 323 DESIGN OF THERMAL SYSTEMS.
PREREQUISITE: M. E. 206, 211 AND 213.
3 HOURS, OR 3/4 OR 1 UNIT.
STUDENTS MUST REGISTER IN THE LECTURE AND IN ONE LABORATORY.

53759	LECT	R	3	TU TH	236	M E B	STOECKER
53766	LAB	Q	2	TU TH	344	M E B	STOECKER
53773	LAB	S	4	TU TH	236	M E B	STOECKER

M E 331 INTERNAL COMBUSTION ENGINES.
PREREQUISITE: M. E. 206, OR CONSNET OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

53781	LECT-DISC	B	9	M F	344	M E B	
53798	LECT-DISC	F	2	M F	236	M E B	
53809	LAB	M1	10-12	TU	101	M E B	
53816	LAB	M3	10-12	TH	101	M E B	
53823	LAB	R1	3-5	TU	101	M E B	
53831	LAB	R3	3-5	TH	101	M E B	

E 332 THEORY OF INTERNAL COMBUSTION ENGINES.
PREREQUISITE: UNDERGRADUATE COURSE IN INTERNAL COMBUSTION ENGINES OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 TO 1 UNIT.

53848	LECT-DISC		8	M W F	135	M E B	HULL

1 E 341 ENGINEERING ANALYSIS AND DESIGN.
PREREQUISITE: M. E. 271, SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

53855	LECT-DISC	A	8-10	M W F	249	M E B	ADKINS
53862	LECT-DISC	L	9-12	TU TH	249	M E B	ADKINS

4 E 342 KINEMATIC ANALYSIS AND SYNTHESIS.
PREREQUISITE: UNDERGRADUATE COURSE IN KINEMATICS AND SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

53870	LECT-DISC		8	M W F	344	M E B	BROGHAMER

M E 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS, OR 1/2 TO 1 UNIT.

53887	CONF	Y	ARR
53894	CONF	Z	ARR
53905	CONF	YY	ARR

COURSES FOR GRADUATES

M E 401 THERMODYNAMICS AND TRANSPORT PROPERTIES.
PREREQUISITE: M. E. 301 OR CONSENT OF INSTRUCTOR.
1 UNIT.

53912	LECT-DISC		10-12	TU TH	344	M E B	SOO

M E 404 GAS DYNAMICS.
PREREQUISITE: DIFFERENTIAL EQUATIONS, THERMODYNAMICS, FLUID MECHANICS.
1 UNIT.

53920	LECT-DISC		3-5	TU TH	344	M E B	ADDY, CHOW, KORST

M E 406 HEAT CONDUCTION IN SOLIDS.
PREREQUISITE: M. E. 306, MATH. 346, OR CONSENT OF INSTRUCTOR.
1 UNIT.

53937	LECT-DISC		1-3	M W	344	M E B	CHAO

M E 408 LABORATORY INVESTIGATIONS IN THERMODYNAMICS.
PREREQUISITE: ONE-YEAR COURSE IN THERMODYNAMICS, ONE HALF-YEAR COURSE IN POWER LABORATORY.
1/2 TO 1 1/2 UNITS.

53944	CONF	ARR	MORRISON, SOO, STUKEL

M E 409 LABORATORY INVESTIGATIONS IN FLUID FLOW, HEAT TRANSFER, AND COMBUSTION
PREREQUISITE: COURSES IN THERMODYNAMICS AND FLUID MECHANICS.
1/2 TO 1 1/2 UNITS.

53951	CONF	ARR	ADDY, BAIR, CHAO, CHATO, CHOW, PETRIE, KORST, WHITE, SAVAGE

M E 421 ENVIRONMENTAL CONTROL.
SAME AS ARCH. 421.
PREREQUISITE: UNDERGRADUATE DEGREE IN ARCHITECTURAL OR MECHANICAL ENGINEERING, OR CONSENT OF INSTRUCTOR.
1 UNIT.

53969	LECT-DISC		10-12	TU TH	336	M E B	STOECKER

M E 428 INVESTIGATIONS IN THERMAL SYSTEMS.
1/2 TO 1 1/2 UNITS.

53976	CONF	ARR	CHATO, PEDERSEN, STOECKER

M E 429 INVESTIGATIONS IN ENVIRONMENTAL CONTROL.
PREREQUISITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT.
1/2 TO 1 1/2 UNITS.

53983	CONF	ARR				CHATO, HERTIG PEDERSEN, STOECKER

M E 438 LABORATORY INVESTIGATIONS IN POWER MACHINERY.
PREREQUISITE: ONE-YEAR COURSE IN POWER LABORATORY.
1/2 TO 1 1/2 UNITS.

53991	CONF	ARR				HEBRANK, HULL MILES, STROUT

M E 443 DYNAMICS OF MACHINERY.
PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN.
1 UNIT.

54003	LECT-DISC	1-3	M W	335	M E B	LARSON

M E 445 DESIGN OF INTERNAL COMBUSTION ENGINES.
PREREQUISITE: UNDERGRADUATE COURSES IN DYNAMICS OF MACHINES AND IN INTERNAL COMBUSTION ENGINES, ONE YEAR OF MACHINE DESIGN.
1 UNIT.

54011	LECT-DISC	ARR				HULL

M E 448 LABORATORY INVESTIGATIONS IN MACHINE DESIGN.
1/2 TO 1 1/2 UNITS.

54028	CONF	ARR				ADKINS, CUSANO BROGHAMER, LARSON, OFFNER RADZIMOVSKY

M E 451 THEORY OF METAL CUTTING.
PREREQUISITE: UNDERGRADUATE COURSE IN PRINCIPLES OF METAL CUTTING. AND HEAT TREATMENT OF METALS OR PHYSICAL METALLURGY.
1 UNIT.

54035	DISC	2-4	TU TH	235	M E B	TRIGGER

M E 458 LABORATORY INVESTIGATIONS IN PRODUCTION.
1/2 TO 1 1/2 UNITS.

54042	CONF	ARR				DOYLE, KLEIN, LEACH, TRIGGER

M E 493 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS EACH SEMESTER WITH THE EXCEPTION OF DOCTORAL CANDIDATES WHO HAVE PASSED THEIR PRELIMINARY EXAMINATION.

54050	DISC	4	W	253	M E B	MORRISON

M E 499 THESIS RESEARCH.
0 TO 4 UNITS.
*STUDENTS IN INDUSTRIAL PRODUCTION SHOULD REGISTER IN SECTION IP.
*STUDENTS IN MACHINE DESIGN SHOULD REGISTER IN SECTION MD.
*STUDENTS IN THERMOSCIENCE SHOULD REGISTER IN SECTION TSC.
*STUDENTS IN THERMOSYSTEMS SHOULD REGISTER IN SECTION TSY.
*STUDENTS IN CONTROLS, BIO-ENGINEERING, OR ANY OTHERS SHOULD REGISTER IN SECTION Y.

54067	CONF	*IP	ARR	STAFF
54074	CONF	*MD	ARR	STAFF
54081	CONF	*TSC	ARR	STAFF
54099	CONF	*TSY	ARR	STAFF
54100	CONF	*Y	ARR	STAFF

MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST COMPLETE THE LOWER DIVISION REQUIREMENTS OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST. 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104; PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ADVISER; ADVANCED READING COURSES IN ANY FOREIGN LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED.
ADVISER: PROFESSOR BENNETT D. HILL, 446F GREGORY HALL.

METALLURGICAL ENGINEERING

DEPARTMENT OFFICE 201 M M B

COURSES FOR UNDERGRADUATES

MET E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

54117	CONF		ARR

COURSES FOR ADVANCED UNDERGRADUATES

MET E 201 PHYSICAL METALLURGY, I.
PREREQUISITE: PHYCS. 107.
3 HOURS.

54124	LECT-DISC		11	M W F	305 M M B

MET E 203 PHYSICAL METALLURGY LABORATORY, I.
PREREQUISITE: REGISTRATION IN MET. E. 201.
1 HOUR.

54131	LAB	A	2-5	M	212 M M B
54149	LAB	B	2-5	W	212 M M B

MET E 207 EXTRACTIVE METALLURGY.
PREREQUISITE: JUNIOR STANDING IN METALLURGICAL ENGINEERING OR EQUIVALENT.
3 HOURS.

54156	LECT-DISC		9	M W F	305 M M B

MET E 251 PHYSICAL METALLURGY, III.
PREREQUISITE: MET. E. 201 AND 203.
*CREDIT NOT ALLOWED FOR MET. E. 251 IN ADDITION TO MET. E. 387.
*3 HOURS.

54163	LECT-DISC		8	M W F	305 M M B

MET E 253 PHYSICAL METALLURGY LABORATORY, III.
PREREQUISITE: REGISTRATION IN MET. E. 251.
3 HOURS.

54171	LAB	A	8-11	TU TH	212 M M B
54188	LAB	B	2-5	TU TH	212 M M B

MET E 296 METALLURGICAL SEMINAR.
PREREQUISITE: SENIOR STANDING IN METALLURGICAL ENGINEERING.
2 HOURS.

54195	DISC		1	TU TH	403 M M B

MET E 299 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
1 TO 3 HOURS.

54206	LECT	B	4	M	119	M M B
54213	CONF	A	ARR			

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MET E 301 METALLURGY OF WELDING.
PREREQUISITE: MET. E. 208 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

54221	LECT-DISC	10	M W F	403	M M B

MET E 302 POWDER METALLURGY.
PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 304, SENIOR STANDING.
2 HOURS, OR 1/2 OR 3/4 UNIT.

54238	LECT-DISC	11	TU TH	305	M M B

MET E 304 POWDER METALLURGY LABORATORY.
PREREQUISITE: APPROVAL OF DEPARTMENT, REGISTRATION IN MET. E. 302, SENIOR STANDING.
1 HOUR OR 1/4 UNIT.

54245	LAB	A	2-5	F	112	M M B
54252	LAB	B	9-12	S	112	M M B

MET E 311 ADVANCED PHASE DIAGRAMS.
PREREQUISITE: MET. E. 201, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

54260	LECT-DISC	2	M W	305	M M B

MET E 315 METALLURGICAL KINETICS.
PREREQUISITE: MET. E. 208 AND 314.
3 HOURS OR 3/4 UNIT.

54277	LECT-DISC	11	M W F	403	M M B

MET E 334 PHYSICAL METALLURGY FOR ENGINEERS.
PREREQUISITE: CREDIT OR REGISTRATION IN T. A. M. 221, OR A. A. E. 224, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

54284	LECT-DISC	C	10	M W F	305	M M B
54291	LECT-DISC	E	1	M W F	403	M M B

MET E 384 PROPERTIES OF SOLIDS.
SAME AS E. E. 384.
PREREQUISITE: PHYCS. 383.
3 HOURS OR 3/4 UNIT.

54302	LECT-DISC	B1	9	M W F	119	M M B
54310	LECT-DISC	B2	9	M W F	403	M M B
54327	LECT-DISC	D	11	M W F	119	M M B

MET E 386 ELECTRON MICROSCOPY AND DIFFRACTION THEORY.
PREREQUISITE: MET. E. 310 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

54334	LECT-DISC	1-230	TU TH	305	M M B

MET E 387 ADVANCED PHYSICAL METALLURGY.
PREREQUISITE: MET. E. 201 OR 334 OR CONSENT OF INSTRUCTOR.
*CREDIT NOT ALLOWED FOR MET. E. 387 IN ADDITION TO MET. E. 208 OR 251.
*3 HOURS OR 3/4 UNIT.

54341	LECT-DISC	1	M W F	305	M M B

MET E 388 ADVANCED PHYSICAL METALLURGY LABORATORY.
PREREQUISITE: REGISTRATION IN MET. E. 387, OR CONSENT OF INSTRUCTOR
3 HOURS OR 3/4 UNIT.

54359	LAB	2-5	TU TH	216	M M B

MET E 407 PLASTIC DEFORMATION AND ANNEALING OF METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

54366	LECT-DISC	3-5	TH	305	M M B
		3	F	305	M M B

MET E 409 CRYSTAL PHYSICS.
PREREQUISITE: CONSENT OF INSTRUCTOR, BACKGROUND REQUIRED INCLUDES VECTOR ALGEBRA, DETERMINANTS, AND THERMODYNAMCIS.
1 UNIT.

54373	LECT-DISC	830-10	TU TH	305	M M B

MET E 420 METALLURGICAL THERMODYNAMICS.
PREREQUISITE: MET. E. 314 OR EQUIVALENT.
1 UNIT.

54381	LECT-DISC	2	M W F	403	M M B

MET E 485 METALLURGICAL ENGINEERING PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

54398	CONF	ARR			

MET E 486 LABORATORY INVESTIGATIONS IN METALLURGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 OR 1/2 UNIT.

54409	CONF	ARR			

MET E 492 SEMINAR ON SURFACES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

54416	CONF	3	TH	119	M M B

MET E 493 SEMINAR ON ANELASTICITY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

54423	CONF	A	3-5	TU	305	M M B
54431	CONF	B	4	M	119	M M B

MET E 494 SEMINAR ON PHASE TRANSFORMATIONS IN METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

54448	CONF	A	4	TU	403	M M B
54455	CONF	B	4	TH	403	M M B

MET E 495 SEMINAR ON DIFFUSION AND IMPERFECTIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

54462	CONF	3	TH	403	M M B

MET E 497 SEMINAR ON ALLOY PHASES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

54470	CONF	4	F	305	M M B

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.
REQUIRED OF ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING.

54487	LECT	4	W	119	M M B

MET E 499 THESIS RESEARCH.
0 TO 4 UNITS.

54494	CONF	ARR			

DEPARTMENT OFFICE 131 BUR HALL

MAJOR: BIOLOGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES INCLUDING MICROBIOLOGY 200-201. BIOLOGY 210 AND 211 MAY BE SUBSTITUTED FOR MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND ORGANIC CHEMISTRY, MATHEMATICS THROUGH TRIGONOMENTRY AND ONE YEAR OF PHYSICS ARE REQUIRED. CREDIT MUST ALSO BE PRESENTED IN ONE COURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE COURSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR BIOCHEMISTRY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHYSIOLOGY, AND ZOOLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

COURSES FOR UNDERGRADUATES

MCBIO 100 INTRODUCTORY MICROBIOLOGY.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.
*3 HOURS.

54505	LECT		2	M W F	151	E E B	HELM

MCBIO 101 INTRODUCTORY EXPERIMENTAL MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND 201.
*2 HOURS.

54512	LAB		ARR				HELM AND
54520	CONF	A	10	M	242	BUR HALL	ASSISTANTS
54537	CONF	B	11	M	242	BUR HALL	
54544	CONF	C	10	TU	242	BUR HALL	
54551	CONF	D	11	TU	242	BUR HALL	

MCBIO 113 MAN AND MICROBES.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 113 AND MCBIO. 100 OR 200.
*3 HOURS.

54569	LECT		3	M W F	124	BUR HALL	BURKE

COURSES FOR ADVANCED UNDERGRADUATES

MCBIO 200 MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 100 AND MCBIO. 200.
*3 HOURS.

54576	LECT		11	M W F	124	BUR HALL	KAPLAN

MCBIO 201 EXPERIMENTAL MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 200 AND IN ORGANIC CHEMISTRY.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 201 AND 101.
*3 TO 5 HOURS.

54583	LAB		ARR				KAPLAN AND
54591	CONF	A	10	TH	242	BUR HALL	ASSISTANTS
54601	CONF	B	11	TH	242	BUR HALL	

MCBIO 207 RESEARCH AND SPECIAL PROBLEMS.
PREREQUISITE: FIFTEEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 10 HOURS.
*3 TO 5 HOURS.

54619	LAB-DISC		ARR			BUR HALL	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MCBIO 309 COMPARATIVE MICROBIAL CHEMISTRY.
PREREQUISITE: CHEM. 350 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

54626	LECT		1	M W	140	BUR HALL	WOLFE

CBIO 316 GENETIC ANALYSIS OF MICROORGANISMS.
PREREQUISITE: GENERAL GENETICS, OR MCBIO. 200 OR 330.
3 HOURS OR 3/4 UNIT.

54633	LECT		8	M W F	136	BUR HALL	HERSHBERGER

CBIO 326 PATHOGENIC BACTERIOLOGY.
PREREQUISITE: MCBIO. 101 OR 201 OR 309, ORGANIC CHEMISTRY.
5 HOURS OR 1 UNIT.

54641	LECT		8	M W F	140	BUR HALL	MEYER
54658	LAB	A	8-11	TU TH	202	BUR HALL	MEYER, HELM
54665	LAB	B	1-4	TU TH	202	BUR HALL	AND ASSISTANTS

CBIO 330 MOLECULAR BIOLOGY OF MICROORGANISMS.
PREREQUISITE: MCBIO. 200 OR EQUIVALENT, AND CREDIT OR
CONCURRENT REGISTRATION IN BIOCHEMISTRY.
3 HOURS OR 3/4 UNIT.

54672	LECT		10	M W F	141	P B	KONISKY
			10	F	100	M M B	

CBIO 351 VIRUSES, I.
SAME AS BOT. AND ZOOL. 351.
PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY, CALCULUS AND
GENETICS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

54680	LECT		11	M W F	140	BUR HALL	WEBER

COURSES FOR GRADUATES

CBIO 405 MOLECULAR GENETICS: GENE ACTION.
SAME AS BOT. AND ZOOL. 405.
PREREQUISITE: MCBIO. 330; OR MCBIO. 316 PLUS BIOCHEMISTRY;
OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

54697	LECT		1	M W F	136	BUR HALL	WOESE

CBIO 409 CULTIVATION AND PROPERTIES OF MICROORGANISMS.
PREREQUISITE: CHEM. 355 OR EQUIVALENT, CREDIT OR REGISTRATION IN
MCBIO. 309 AND CONSENT OF INSTRUCTOR.
1 UNIT.

54708	LECT		1	F	140	BUR HALL	WOLFE
	LAB		2-5	M W F	202	BUR HALL	AND ASSISTANTS

CBIO 412 ADVANCES IN MICROBIOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.
*1/4 UNIT.

54715	CONF		ARR			BUR HALL	STAFF

CBIO 490 INDIVIDUAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

54722	LAB-DISC		ARR			BUR HALL	STAFF

CBIO 495 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS MICROBIOLOGY.
PREREQUISITE: TEN HOURS OF MICROBIOLOGY, CONSENT OF INSTURCTOR.
0 OR 1/4 UNIT.

54730	CONF		4	TH	124	BUR HALL	STAFF

CBIO 499 THESIS RESEARCH.
0 TO 4 UNITS.

54747	CONF		ARR			BUR HALL	STAFF

DEPARTMENT OFFICE 110 ARMORY

BASIC MILITARY CURRICULUM

ENTERING MALE STUDENTS WHO ARE PHYSICALLY QUALIFIED AND WHO HAVE BEEN SELECTED FOR ENROLLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, REGISTER IN EITHER A NATURAL SCIENCE OR SOCIAL SCIENCE GENERAL EDUCATION SEQUENCE ACCEPTABLE TO THE MILITARY SCIENCE DEPARTMENT AND THE STUDENTS COLLEGE.

COURSES FOR UNDERGRADUATES

MIL S 100 LEADERSHIP LABORATORY (FIRST SEMESTER FRESHMEN ONLY).
PREREQUISITE: APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

54754	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
54761	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 101 INTRODUCTION TO MILITARY SCIENCE (UNITED STATES DEFENSE ESTABLISHMENT, I).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
ENROLLMENT IN MIL. S. 100.
1 HOUR.

54779	LECT-DISC	A	2	M	300 ARMORY	OSBURN
54786	LECT-DISC	B	2	TU	300 ARMORY	OSBURN
54793	LECT-DISC	C	1	W	300 ARMORY	OSBURN
54804	LECT-DISC	D	9	TH	262 ARMORY	OSBURN
54811	LECT-DISC	E	10	F	300 ARMORY	OSBURN

MIL S 112 AMERICAN MILITARY HISTORY.
PREREQUISITE: REGISTRATION IN MIL. S. 150 OR 175.
2 HOURS.

54829	LECT-DISC	A	11	M W	313 ARMORY	MEREDITH
54836	LECT-DISC	B	2	M W	313 ARMORY	MEREDITH
54843	LECT-DISC	C	9	TU TH	300 ARMORY	MEREDITH
54851	LECT-DISC	D	1	TU TH	300 ARMORY	MEREDITH

MIL S 125 LEADERSHIP LABORATORY (SECOND SEMESTER FRESHMEN ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

54868	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
54875	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 150 LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

54882	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
54890	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 175 LEADERSHIP LABORATORY (SECOND SEMESTER SOPHOMORES ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

54901	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
54918	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTORILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENROLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETWEEN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELECTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT, U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE REQUIREMENTS MAY BE COMMISSIONED IN THE REGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST, IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DEPARTMENT. SELECTION OF THESE COURSES MUST BE APPROVED BY THE MILITARY SCIENCE DEPARTMENT ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

MIL S 200 LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

54925	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
54932	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 201 PRINCIPLES OF MILITARY INSTRUCTION.
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
REGISTRATION IN MIL. S. 200 OR 225.
1 HOUR.

54940	LECT-DISC	A	9	M	300	ARMORY
54957	LECT-DISC	B	9	TU	262	ARMORY
54964	LECT-DISC	C	11	TU	300	ARMORY
54971	LECT-DISC	D	10	TH	300	ARMORY
54989	LECT-DISC	E	11	F	300	ARMORY

MIL S 203 PRINCIPLES OF MILITARY LEADERSHIP.
PREREQUISITE: CONCURRENT REGISTRATION IN MIL. S. 200 OR 225.
1 HOUR.

54996	LECT-DISC	A	10	M	300	ARMORY
55009	LECT-DISC	B	10	TU	300	ARMORY
55016	LECT-DISC	C	11	W	300	ARMORY
55023	LECT-DISC	D	2	TH	300	ARMORY
55031	LECT-DISC	E	9	F	300	ARMORY

MIL S 212 ADVANCED MILITARY OPERATIONS (FUNDAMENTALS AND DYNAMICS OF THE MILITARY TEAM, II).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE;
REGISTRATION IN MIL. S. 250 OR 275.
3 HOURS.

55048	LECT-DISC	A	8	M W F	313	ARMORY	YAMASHITA
55055	LECT-DISC	B	10	M W F	313	ARMORY	YAMASHITA
55062	LECT-DISC	C	1	M W F	313	ARMORY	YAMASHITA
55070	LECT-DISC	D	9-11	TU	313	ARMORY	YAMASHITA
		D	9	TH	313	ARMORY	YAMASHITA
55087	LECT-DISC	E	1	TU	313	ARMORY	YAMASHITA
		E	1-3	TH	313	ARMORY	YAMASHITA

MIL S 225 LEADERSHIP LABORATORY (SECOND SEMESTER JUNIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

55094	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
55105	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 250 LEADERSHIP LABORATORY (FIRST SEMESTER SENIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

55112	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
55120	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 275 LEADERSHIP LABORATORY (SECOND SEMESTER SENIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.

ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

55137	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
55144	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MINING ENGINEERING

DEPARTMENT OFFICE 201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MIN E 302 WORLD MINERAL ECONOMICS.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 3/4 OR 1 UNIT.

55151	LECT-DISC	3	M W F	119	M M B

MIN E 393 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 TO 1 UNIT.

55169	CONF	ARR

COURSES FOR GRADUATES

MIN E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS.

55176	CONF	ARR

MIN E 499 THESIS RESEARCH.
0 TO 4 UNITS.

55183	CONF	ARR

MODERN GREEK

DEPARTMENT OFFICE 309H D H

COURSES FOR ADVANCED UNDERGRADUATES

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M GRK 201     ELEMENTARY MODERN GREEK, I.
        ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
        IN THE LANGUAGE LABORATORY.
        5 HOURS.
      55191      LECT-DISC  A        8        MTUWTHF   G 18  F L B
      55201      LECT-DISC  B        6-730PM M  WTH     374  L H            NAOUMIDES

M GRK 203     INTERMEDIATE MODERN GREEK, I.
        ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK
        IN THE LANGUAGE LABORATORY.
        PREREQUISITE: M. GRK. 201, AND 202 OR EQUIVALENT.
        5 HOURS.
      55219      LECT-DISC           9        M  WTH     374  L H            PAPANIKOLAOU
                                     9-11      TU         374  L H            PAPANIKOLAOU
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MODERN HEBREW

DEPARTMENT OFFICE 309H D H

COURSES FOR ADVANCED UNDERGRADUATES

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M HBR 201     ELEMENTARY MODERN HEBREW, I.
        *NO CREDIT TOWARD GRADUATION IS GIVEN FOR M. HBR. 201 WITHOUT
        M. HBR. 202.
        *5 HOURS.
        STUDENTS MUST REGISTER FOR ONE LECTURE, ONE DISCUSSION AND ONE LAB.
      55226      LECT               10          W       G 32  F L B           BOLOZKY
      55233      DISC       A        2-4       TU TH    1126  F L B           STAFF
      55241      DISC       B        3-5      M  W      G 20  F L B           STAFF
      55258      DISC       C        2-4       TU TH    G 24  F L B           STAFF
      55265      LAB               ARR                                        STAFF
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COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

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M HBR 303     INTERMEDIATE MODERN HEBREW, I.
        ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK
        PER WEEK IN THE LANGUAGE LABORATORY.
        PREREQUISITE: M. HBR. 202 OR EQUIVALENT.
        5 HOURS OR 1 UNIT.
      55272      LECT-DISC           9-11      TU TH    G 18  F L B
                                     2         TU        374  L H            STAFF

M HBR 305     ADVANCED MODERN HEBREW, I.
        PREREQUISITE: M. HBR. 304 OR EQUIVALENT.
        5 HOURS OR 1 UNIT.
      55280      LECT-DISC           3-5      M  W       G 32  F L B           STAFF
                                     2            TH     G 32  F L B           STAFF

M HBR 307     ADVANCED MODERN HEBREW, III.
        PREREQUISITE: M. HBR. 306 OR CONSENT OF INSTRUCTOR.
        5 HOURS OR 1 UNIT.
      55297      LECT-DISC         ARR                                        STAFF
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DEPARTMENT OFFICE 100 S M H

COURSES FOR UNDERGRADUATES

MUSIC 100 RUDIMENTS OF THEORY.
2 HOURS.

55308	LECT-DISC	A	8	M W F	116	1203 W NEV	
55315	LECT-DISC	B	1	M W F	103	S M H	BROOKS
55322	LECT-DISC	C	11	M W F	106	S M H	MORGAN
55330	LECT-DISC	D	11	M W F	100	S H	BRUCE

MUSIC 101 THEORY OF MUSIC, I.
PREREQUISITE: FOR NON-MUSIC STUDENTS, MUSIC 100 OR EQUIVALENT.
3 HOURS.
*ADDITIONAL ONE-HALF HOUR LAB SESSIONS TO BE ARRANGED DAILY.

55347	LECT-DISC	A	*8	MTUWTHF	106	S M H	
55354	LECT-DISC	B	*9	MTUWTHF	106	S M H	BLATTER
55361	LECT-DISC	C	*10	MTUWTHF	106	S M H	NEWELL
55379	LECT-DISC	D	*1	MTUWTHF	100	S H	MORGAN
55386	LECT-DISC	E	*2	MTUWTHF	100	S H	NEWELL
55393	LECT-DISC	F	*3	MTUWTHF	106	S M H	BRUCE
55404	LECT-DISC	G	*8	MTUWTHF	100	S H	

MUSIC 102 THEORY OF MUSIC, II.
PREREQUISITE: MUSIC 101.
3 HOURS.

55411	LECT-DISC	A	9	M W F	103	S M H	
55429	LECT-DISC	B	3	M W F	103	S M H	

MUSIC 103 THEORY OF MUSIC, III.
PREREQUISITE: MUSIC 102.
3 HOURS.

55436	LECT-DISC	A	8	M W F	102	S H	
55443	LECT-DISC	B	9	M W F	102	S H	BRUCE
55451	LECT-DISC	C	10	M W F	100	S H	BLATTER
55468	LECT-DISC	D	1	M W F	102	S H	BROOKS
55475	LECT-DISC	E	2	M W F	8	S A	
55482	LECT-DISC	F	3	M W F	8	S A	

MUSIC 104 THEORY OF MUSIC, IV.
PREREQUISITE: MUSIC 103.
3 HOURS.

55490	LECT-DISC	A	9	M W F	100	S H	BROOKS

MUSIC 106 COMPOSITION.
PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.
2 HOURS.

55501	CONF	A	ARR		302	S H	BRUN
55518	CONF	B	ARR		203	T A	FREDRICKSON
55525	CONF	C	ARR		202	T A	JOHNSTON
55532	CONF	D	ARR		200	T A	KELLY
55540	CONF	E	ARR				LONDON
55557	CONF	F	ARR				MARTIRANO
55564	CONF	G	ARR		205	T A	POWELL
55571	CONF	H	ARR		303	S H	ZONN

MUSIC 107 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, I.
PREREQUISITE: MUSIC 101.
1 HOUR.

55589	LAB-DISC	A	9	TU TH	103	S M H	
55596	LAB-DISC	B	3	TU TH	103	S M H	

MUSIC 108 EAR TRAINING, SIGHT SINGING, AND KEYBOARD HARMONY, II.
PREREQUISITE: MUSIC 107.
1 HOUR.

55607	LAB-DISC	A	8	TU TH	102	S H	
55614	LAB-DISC	B	9	TU TH	102	S H	BRUCE
55621	LAB-DISC	C	10	TU TH	100	S H	BLATTER
55639	LAB-DISC	D	1	TU TH	102	S H	BROOKS
55646	LAB-DISC	E	2	TU TH	8	S A	
55653	LAB-DISC	F	3	TU TH	8	S A	

MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYBOARD HARMONY, III.
PREREQUISITE: MUSIC 108.
1 HOUR.

55661	LAB-DISC	A	9	TU TH	100	S H		BROOKS

MUSIC 110 BASIC MUSIC LITERATURE.
REQUIRED OF FRESHMEN IN MUSIC.
2 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

55678	LECT		10	TU TH	25	S M H		HOCK
55685	QUIZ	A	8	M W	104	1203 W NEV		
55692	QUIZ	B	3	TU TH	104	1203 W NEV		
55703	QUIZ	C	7PM	M W	103	S M H		
55711	QUIZ	D	7PM	TU TH	103	S M H		

MUSIC 113 APPRECIATION OF MUSIC, SYMPHONIC.
FOR NON-MUSIC STUDENTS.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

55728	LECT		1	TU TH	25	S M H		BEHAGUE
55735	QUIZ	A	7PM	M W	116	1203 W NEV		
55742	QUIZ	B	7PM	TU TH	116	1203 W NEV		

MUSIC 130 INTRODUCTION TO THE ART OF MUSIC, I.
FOR NON-MUSIC STUDENTS ONLY.
4 HOURS.
STUDENTS IN LECTURE A1 MUST REGISTER FOR ONE QUIZ, A THRU E.
STUDENTS IN LECTURE B1 MUST REGISTER FOR ONE QUIZ, F THRU I.

55750	LECT	A1	11	M W F	25	S M H		BYRNSIDE
55817	LECT	B1	4	M W F	25	S M H		WARD
55767	QUIZ	A	4	M W	104	1203 W NEV		
55774	QUIZ	B	4	TU TH	104	1203 W NEV		
55781	QUIZ	C	7	M W	104	1203 W NEV		
55799	QUIZ	D	7	TU TH	104	1203 W NEV		
55800	QUIZ	E	8	M W	103	S M H		
55824	QUIZ	F	11	M W	8	S A		
55831	QUIZ	G	12	M W	116	1203 W NEV		
55849	QUIZ	H	8PM	M W	104	1203 W NEV		
55856	QUIZ	I	8	TU TH	104	1203 W NEV		

MUSIC 131 INTRODUCTION TO THE ART OF MUSIC, II.
FOR NON-MUSIC STUDENTS ONLY.
PREREQUISITE: MUSIC 130.
4 HOURS.

55863	LECT		10	M W F	25	S M H		WARD
55871	QUIZ	A	7PM	M W	100	S H		
55888	QUIZ	B	7PM	TU TH	201	H A		
55895	QUIZ	C	11	M W	103	S M H		
55906	QUIZ	D	11	TU TH	103	S M H		
55913	QUIZ	E	8	M W	101	H A		

MUSIC 134 AFRO-AMERICAN MUSIC.
PREREQUISITE: MUSIC 130 OR CONSENT OF INSTRUCTOR.
3 HOURS.

55921	LECT-DISC	A	11	M W F	104	1203 W NEV		HOCK

MUSIC 142 ELEMENTS OF CONDUCTING.
PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
2 HOURS.

55938	LECT-DISC	A	3	M W F	167	BAND		DUKER
55945	LECT-DISC	B	10	M W F	167	BAND		PAINTER
55952	LECT-DISC	C	10	M W F	116	1203 W NEV		BERGETHON

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 200 INSTRUMENTATION, I.
PREREQUISITE: SENIOR STANDING IN MUSIC.
2 HOURS.

55960	LECT-DISC	A	9	M W	8	S A		POWELL
55977	LECT-DISC	B	2	TU TH	103	S M H		FREDRICKSON
55984	LECT-DISC	C	10	TU TH	103	S M H		CARTER

MUSIC 201 INSTRUMENTATION, II.
REQUIRED OF COMPOSITION MAJORS.
PREREQUISITE: MUSIC 200 OR CONSENT OF INSTRUCTOR.
2 HOURS.

55991	CONF	A	ARR					COMPOSITION FACULTY

MUSIC 213 THE HISTORY OF MUSIC, I.
REQUIRED OF ALL MUSIC STUDENTS.
PREREQUISITE: MUSIC 110 OR CONSENT OF INSTRUCTOR.
3 HOURS.

56004	LECT		1	M W F	25	S M H		BYRNSIDE
56011	QUIZ	A	4	M W	106	S M H		
56029	QUIZ	B	4	TU TH	106	S M H		
56036	QUIZ	C	7PM	M W	106	S M H		
56043	QUIZ	D	7PM	TU TH	106	S M H		

MUSIC 229 THESIS AND ADVANCED UNDERGRADUATE HONORS IN MUSIC.
PREREQUISITE: SENIOR STANDING IN THE HISTORY OF MUSIC OR COMPOSITION-THEORY, OR CONSENT OF INSTRUCTOR.
2 HOURS.
*HONORS SECTION.

56051	CONF	A	ARR					KELLY, KELLY
56068	CONF	*&B	ARR					AND STAFF

MUSIC 230 CHORAL LITERATURE AND CONDUCTING, I.
PREREQUISITE: MUSIC 142.
2 HOURS.

56075	LAB-DISC	A	10	M W F	B ENSEMBLE	KRAN		
		A	11	M F	CHOS RHRSL	KRAN		
56082	LAB-DISC	B	10	M W F	A ENSEMBLE	KRAN		OLSON
		B	11	M F	CHOS RHRSL	KRAN		

MUSIC 231 CHORAL LITERATURE AND CONDUCTING, II.
PREREQUISITE: MUSIC 230.
2 HOURS.

56090	LAB-DISC	A	10	M W F	CHOS RHRSL	KRAN		J. SMITH
		A	11	M F	CHOS RHRSL	KRAN		

MUSIC 232 INSTRUMENTAL LITERATURE AND CONDUCTING, I.
PREREQUISITE: MUSIC 142.
2 HOURS.

56101	LAB-DISC	A	8	MTUWTHF	167	BAND		DUKER

MUSIC 240 MUSIC FOR ELEMENTARY TEACHERS, I.
PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION OR CONSENT OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
3 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.

56118	LECT	A1	12	M	25	S M H		SMITH
56125	LECT	B1	12	TU	25	S M H		SMITH
56132	QUIZ	A	3	M W	100	S H		
56140	QUIZ	B	3	M W	102	S H		
56157	QUIZ	C	3	TU TH	100	S H		
56164	QUIZ	D	3	TU TH	102	S H		
56171	QUIZ	E	4	M W	100	S H		
56189	QUIZ	F	4	TU TH	102	S H		
56196	QUIZ	G	11	TU TH	100	S H		
56207	QUIZ	H	11	TU TH	102	S H		

MUSIC 241 MUSIC FOR ELEMENTARY TEACHERS, II.
PREREQUISITE: MUSIC 240. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
3 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.

56214	LECT	A1	12	W	25	S M H		SMITH
56221	LECT	B1	12	TH	25	S M H		SMITH
56239	QUIZ	A	4	M W	102	S H		
56246	QUIZ	B	4	TU TH	100	S H		
56253	QUIZ	C	2	TU TH	102	S H		

MUSIC 242 TEACHING MUSIC IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS.

56261	LECT-DISC	A	2	M W F	103	S M H		R. THOMAS

MUSIC 243 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS.
*NOTE: ONE ADDITIONAL HOUR TO BE ARRANGED.

56278	LECT-DISC	A	*2	M W	102	S H		LEONHARD

MUSIC 244 TEACHING OF INSTRUMENTAL MUSIC.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A--FOR THE INSTRUMENTAL EMPHASIS PROGRAM.
*SECTION B--FOR THE CHORAL EMPHASIS PROGRAM.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

56285	LAB-DISC	*A	2	MTUWTHF	5	S M H		PETERS
		*A	11	F	5	S M H		
56292	LAB-DISC	*B	1	MTUWTHF	5	S M H		PETERS
		*B	11	F	5	S M H		

MUSIC 245 CHORAL ARRANGING.
PREREQUISITE: JUNIOR STANDING IN MUSIC.
2 HOURS.

56303	LECT-DISC	A	1	TU TH	8	S A		
56311	LECT-DISC	B	10	M W	8	S A		

MUSIC 246 TEACHING OF CHORAL MUSIC.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
2 HOURS.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
*SECTION A FOR THE VOCAL-CHORAL EMPHASIS PROGRAM.

56328	LECT-DISC	*A	11	M F	CHOS RHRSL KRAN			GONZO
		*A	3	MTUWTHF	25	S M H		

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 300 EIGHTEENTH CENTURY COUNTERPOINT.
PREREQUISITE: MUSIC 104 AND/OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56335	LECT-DISC	A	1	M W F	116	1203 W NEV		HUNTER
56342	LECT-DISC	B	2	M W F	116	1203 W NEV		KELLY
56350	LECT-DISC	C	3	M W F	104	1203 W NEV		NEWELL

MUSIC 302 MUSICAL ACOUSTICS, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

56367	LAB-DISC	A	10	M W	102	S H		BEAUCHAMP

MUSIC 304 CONTEMPORARY COMPOSITIONAL TECHNIQUES.
PREREQUISITE: MUSIC 104, 106, 109, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*SECTION A: COMPOSITION WITH TAPE.
*SECTION B: COMPOSITION FOR JAZZ GROUPS.
*SECTION C: MICROPHONICS.
*SECTION D: COMPOSITION FOR WIND INSTRUMENTS.

56374	LECT-DISC	*A	ARR	302	S H			BRUN
56381	LECT-DISC	*B	ARR	205	T A			POWELL
56399	LECT-DISC	*C	ARR					MARTIRANC
56400	LECT-DISC	*D	ARR	303	S H			ZONN

MUSIC 306 COMPOSITION.
PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

56417	CONF	A	ARR	302	S H			BRUN
56424	CONF	B	ARR	203	T A			FREDRICKSON
56431	CONF	C	ARR	202	T A			JOHNSTON
56449	CONF	D	ARR	200	T A			KELLY
56456	CONF	E	ARR					LONDON
56463	CONF	F	ARR					MARTIRANO
56471	CONF	G	ARR	205	T A			POWELL
56488	CONF	H	ARR	303	S H			ZONN
56495	LECT-DISC	I	ARR					MARTIRANO

MUSIC 308 ANALYSIS OF MUSICAL FORM.
PREREQUISITE: MUSIC 104 AND 109, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56506	LECT-DISC	A	1	M	W	F	8	S	A		FARRELL
56513	LECT-DISC	B	4	M	W	F	8	S	A		JOHNSTON

MUSIC 310 ANCIENT AND MEDIEVAL MUSIC.
PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56521	LECT-DISC	A	9	M	W	F	104	1203	W	NEV	I. THOMAS

MUSIC 312 MUSIC OF THE SEVENTEENTH CENTURY.
PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56538	LECT-DISC	A	10	M	W	F	104	1203	W	NEV	FRUM
		A	7-9PM	TU			25	S	M	H	

MUSIC 314 MUSIC OF THE NINETEENTH CENTURY.
PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56545	LECT-DISC	A	9	M	W	F	25	S	M	H	
		A	7-9PM		TH		25	S	M	H	

MUSIC 317 AREA STUDIES IN ETHNOMUSICOLOGY.
SAME AS ANTH. 315.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 12 HOUR, OR 2 UNITS
*3 HOURS OR 1/2 UNIT.
TOPIC SECTION A: EUROPEAN FOLK MUSIC.
TOPIC SECTION B: URBAN POPULAR MUSIC.

56552	LECT-DISC	A	10	M	W	F	201	H	A		NETTL
56560	LECT-DISC	B	2-4			F	201	H	A		HAMM, NETTL, BYRNSIDE, BEHAGUE, HOCK

MUSIC 318 HISTORY OF PERFORMANCE PRACTICES, I.
PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

56577	LECT-DISC	A	1	TU	TH		103	S	M	H	HUNTER

MUSIC 330 APPLIED MUSIC PEDAGOGY.
PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 4 HOURS, OR 1 UNIT
*2 HOURS OR 1/2 UNIT.
SECTION A IS FOR PIANO MAJORS. SECTION B IS FOR STRING MAJORS.
SECTION C IS FOR VOICE MAJORS.

56584	LAB-DISC	A	10-12			F	5	P	A		BERENSON, LYKE
56591	LAB-DISC	B	3-6	M			202	S	A		ROLLAND
56602	LAB-DISC	C	9-11		TH		200B	S	M	H	BURDETTE

MUSIC 332 CHURCH MUSIC LITERATURE.
PREREQUISITE: MUSIC 214 OR 311 OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

56610	LECT-DISC	A	ARR				200	S	M	H	HAMILTON

MUSIC 336 MUSIC IN LATIN AMERICA.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT MAY BE ACCUMULATED TO A MAXIMUM OF 6 HOURS OR 1 UNIT.
*3 HOURS OR 1/2 UNIT.
TOPIC: MEXICO AND THE CARIBBEAN.

56627	LECT-DISC	A	11	M	W	F	116	1203	W	NEV	BEHAGUE

MUSIC 340 INSTRUMENTAL CLINIC AND BAND PAGEANTRY.
PREREQUISITE: ADVANCED UNDERGRADUATE OR GRADUATE WITH MAJOR WORK OR EXPERIENCE IN BAND OR ORCHESTRA.
2 HOURS OR 1/2 UNIT.

56634	LECT-DISC	A	9-11	M			228	BAND			KISINGER
		A	9		W		228	BAND			

MUSIC 342 PERCUSSION METHODS.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION, AND MUSIC 174 AND 257 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

56641	CONF	A	3	MTUWTHF			6	S	M	H	SIWE

MUSIC 343 TESTS AND MEASUREMENT IN MUSIC EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

56659	LECT-DISC	A	8	TU TH	116	1203 W NEV	COLWELL

MUSIC 344 METHODS OF STRING CLASS TEACHING.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

56666	LECT-DISC	A	7-9PM	TH	8	S A	D. MILLER

MUSIC 346 WORKSHOP IN MUSIC EDUCATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT.
SECTION A TOPIC: INSTRUMENTAL MUSIC IN THE JUNIOR HIGH SCHOOL.

56673	LECT-DISC	A	3	MTUWTHF	5	S M H	PETERS

MUSIC 349 MUSIC IN EARLY CHILDHOOD.
SAME AS H. EC. 349.
PREREQUISITE: SENIOR OR GRADUATE LEVEL IN MUSIC EDUCATION OR CHILD DEVELOPMENT.
2 HOURS OR 1/2 UNIT.

56681	LECT-DISC	A	7-9PM	TH	100	S H	SMITH

COURSES FOR GRADUATES

MUSIC 400 ADVANCED INSTRUMENTATION-CHAMBER AND SYMPHONIC.
PREREQUISITE: UNDERGRADUATE INSTRUMENTATION.
1/2 OR 1 UNIT.

56698	CONF	A	ARR				FREDRICKSON

MUSIC 402 ANALYSIS IN RELATION TO PERFORMANCE AND INTERPRETATION, I.
PREREQUISITE: MUSIC 104 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

56709	LECT-DISC	A	*1-3	TU TH	104	1203 W NEV	LEONHARD

MUSIC 406 COMPOSITION.
1/2 TO 1 1/2 UNITS.

56716	CONF	A	ARR		302	S H	BRUN
56723	CONF	B	ARR		203	T A	FREDRICKSON
56731	CONF	C	ARR		202	T A	JOHNSTON
56748	CONF	D	ARR		200	T A	KELLY
56755	CONF	E	ARR				LONDON
56762	CONF	F	ARR				MARTIRANO
56770	CONF	G	ARR		205	T A	POWELL
56787	CONF	H	ARR		303	S H	ZONN

MUSIC 411 INTRODUCTION TO ETHNOMUSICOLOGY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY OR CONSENT OF INSTRUCTOR.
1 UNIT.

56794	LECT-DISC	A	ARR		202	H A	NETTL

MUSIC 414 NOTATION, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

56805	LECT-DISC	A	2-4	W	201	H A	WARD

MUSIC 418 THE ORIGINS AND HISTORY OF OPERA UP TO GLUCK.
PREREQUISITE: MUSIC 312 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

56812	LECT-DISC	A	9	M W F	101	H A	TEMPERLEY

MUSIC 423 SEMINAR IN MUSICOLOGY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY AND MUSIC 321 OR CONSENT OF INSTRUCTOR.
1 UNIT.

56820	LECT-DISC	A	2-5	M	201	H A	HAMM
56837	LECT-DISC	B	2-5	TU	101	H A	

MUSIC 430 ADVANCED ORCHESTRA CONDUCTING AND LITERATURE.
PREREQUISITE: PREVIOUS CONDUCTING EXPERIENCE.
1 UNIT.

56844	LECT-DISC	A	11	W F	2-123	KRAN	PERF	GOODMAN

MUSIC 432 ADVANCED CHORAL TECHNIQUES.
PREREQUISITE: GRADUATE STANDING IN MUSIC.
1 UNIT.

56851	LECT-DISC	A	1-3	TU TH	CHOS	RHRSL	KRAN
		A	11	M F	CHOS	RHRSL	KRAN

MUSIC 434 PIANO LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

56869	LECT-DISC	A	1-3	TU TH	206	S	M H	STRAVINSKY

MUSIC 435 VOCAL LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

56876	LECT-DISC	A	1-3	W F	201	S	H	DALHEIM

MUSIC 436 ORGAN LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EDUCATION, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

56883	LECT-DISC	A	3-5	TU F	200	S	M H	PETTINGA

MUSIC 437 STRING INSTRUMENT LITERATURE.
PREREQUISITE: BACHLOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC EUCATION, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

56891	LECT-DISC	A	2-4	TU TH	102	S	A	FARRELL

MUSIC 438 WIND INSTRUMENT LITERATURE.
STUDENTS MAY ACCUMULATE TWO UNITS.
1 UNIT.
*SECTION A--WOODWIND AND SECTION B--BRASS.

56901	LECT-DISC	*A	9	MTUWTHF	2	S	M H	WOODWIND FACULTY
56919	LECT-DISC	*B	10	TUWTHF	8	S	M H	BRASS FACULTY

MUSIC 439 PERCUSSION INSTRUMENT LITERATURE.
PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

56926	CONF	A	ARR		6	S	M H	SIWE

MUSIC 440 FOUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION, I.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION, CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

56933	LECT-DISC	A	9-11	TU	104	1203	W NEV	LEONHARD

MUSIC 444 THE GENERAL MUSIC PROGRAM IN ELEMENTARY SCHOOLS.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION.
1/2 UNIT.

56941	LECT-DISC	A	9-11	TH	104	1203	W NEV	BERGETHON

MUSIC 446 SEMINAR IN EXPERIMENTAL MUSIC, I.
PREREQUISITE: MUSIC 303 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

56958	CONF	A	ARR		301	S	H	BRUN

MUSIC 450 HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC, I.
1 UNIT.

56965	LECT-DISC	A	9-11	TU TH	101	H	A	J. SMITH

APPLIED MUSIC

NOTE: STUDENTS IN MUSIC CURRICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPROVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINOR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGES RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.
PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

APPLIED MUSIC COURSES FOR UNDERGRADUATES

MUSIC 180 PIANO.
2 OR 4 HOURS.

56972	CONF	A	ARR	112	S M H	KARP
56980	CONF	B	ARR	204	S M H	RICHARDS
56997	CONF	C	ARR			
57000	CONF	D	ARR	206	S M H	STRAVINSKY
57017	CONF	E	ARR	201	S M H	SANDERS
57024	CONF	F	ARR	205	S M H	HEILES
57031	CONF	G	ARR	209	S M H	SHAPIRO
57049	CONF	H	ARR			
57056	CONF	I	ARR			
57063	CONF	J	ARR			
57071	CONF	K	ARR			
57088	CONF	L	ARR			
57095	CONF	M	ARR			

MUSIC 181 VOICE.
2 OR 3 HOURS.

57106	CONF	A	ARR	203	S M H	BAILEY
57113	CONF	B	ARR	207	S M H	ELYN
57121	CONF	C	ARR	202	S M H	GUNSALUS
57138	CONF	D	ARR	211	S M H	HEDLUND
57145	CONF	E	ARR			NOTH
57152	CONF	F	ARR	200A	S M H	W. MILLER
57160	CONF	G	ARR	200B	S M H	BURDETTE
57177	CONF	H	ARR	210	S M H	REYNOLDS
57184	CONF	I	ARR	210	S H	WILSON
57191	CONF	J	ARR	206	S H	CRAWFORD
57202	CONF	K	ARR			
57210	CONF	L	ARR			
57227	CONF	M	ARR			
57234	CONF	N	ARR			

MUSIC 182 ORGAN.
2 OR 4 HOURS.

57241	CONF	A	ARR	200	S M H	PETTINGA
57259	CONF	B	ARR	200	S M H	HAMILTON
57266	CONF	C	ARR	105	S M H	

MUSIC 183 VIOLIN.
2 OR 4 HOURS.

57273	CONF	A	ARR	202	S A	ROLLAND
57281	CONF	B	ARR	208	S A	SCHMITT
57298	CONF	C	ARR	205	S A	FARMER

MUSIC 184 VIOLA.
2 OR 4 HOURS.

57309	CONF	A	ARR	203	S A

MUSIC 185 CELLO.
2 OR 4 HOURS.

57316	CONF	A	ARR	201	S A	SWENSON
57323	CONF	B	ARR	105	S A	FARRELL

MUSIC 186 STRING BASS.
2 OR 4 HOURS.

57331	CONF	A	ARR	9	S M H	KROLICK

MUSIC 187 FLUTE.
2 OR 4 HOURS.

57348	CONF	A	ARR	2-122	KRAN PERF	DELANEY
57355	CONF	B	ARR	12	S M H	
57362	CONF	C	ARR	2-122	KRAN PERF	

MUSIC 188 CLARINET.
2 OR 4 HOURS.

57370	CONF	A	ARR	11	S M H	MCDOWELL
57387	CONF	B	ARR	10	S M H	COGGINS
57394	CONF	C	ARR			

MUSIC 189 OBOE.
2 OR 4 HOURS.

57405	CONF	A	ARR	2	S M H	EDLEFSEN

MUSIC 190 BASSOON.
2 OR 4 HOURS.

57412	CONF	A	ARR	105	S H	BERRY

MUSIC 191 CORNET AND TRUMPET.
2 OR 4 HOURS.

57420	CONF	A	ARR	14	S M H	SEXTON
57437	CONF	B	ARR	12	S M H	SEEMAN
57444	CONF	C	ARR	12	S M H	TASA

MUSIC 192 FRENCH HORN.
2 OR 4 HOURS.

57451	CONF	A	ARR	4	S M H	HOLDEN

MUSIC 193 TROMBONE.
2 OR 4 HOURS.

57469	CONF	A	ARR	8	S M H	GRAY

MUSIC 194 BARITONE.
2 OR 4 HOURS.

57476	CONF	A	ARR	206	P A	PERANTONI

MUSIC 195 TUBA.
2 OR 4 HOURS.

57483	CONF	A	ARR	206	P A	PERANTONI

MUSIC 196 PERCUSSION.
2 TO 4 HOURS.

57491	CONF	A	ARR	6	S M H	SIWE
57501	CONF	B	ARR	6	S M H	FAIRCHILD

MUSIC 197 HARP.
2 OR 4 HOURS.

57519	CONF	A	ARR	113	S M H	ROSENFIELD

MUSIC 198 ALTO SAXOPHONE.
2 OR 4 HOURS.

57526	CONF	A	ARR	10	S M H	COGGINS

MUSIC 199 HARPSICHORD.
2 OR 4 HOURS.

57533	CONF	A	ARR	101	S M H	HUNTER

APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PREREQUISITE: FOR STUDENTS IN THE BACHELOR OF MUSIC CURRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY, COMPLETION OF FOUR SEMESTERS IN THE COMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. QUALIFYING EXAM FOR TRANSFER STUDENTS.

MUSIC 380 PIANO.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57541	CONF	A	ARR	112	S M H	KARP
57558	CONF	B	ARR	204	S M H	RICHARDS
57565	CONF	C	ARR			
57572	CONF	D	ARR	206	S M H	STRAVINSKY
57580	CONF	E	ARR	201	S M H	SANDERS
57597	CONF	F	ARR	205	S M H	HEILES
57608	CONF	G	ARR	209	S M H	SHAPIRO

MUSIC 381 VOICE.
2 OR 3 HOURS, OR 1/2 OR 1 UNIT.

57615	CONF	A	ARR	203	S M H	BAILEY
57622	CONF	B	ARR	207	S M H	ELYN
57630	CONF	C	ARR	202	S M H	GUNSALUS
57647	CONF	D	ARR	211	S M H	HEDLUND
57654	CONF	E	ARR			NOTH
57661	CONF	F	ARR	200A	S M H	W. MILLER
57679	CONF	G	ARR	200B	S M H	BURDETTE
57686	CONF	H	ARR	210	S M H	REYNOLDS
57693	CONF	I	ARR	210	S H	WILSON
57704	CONF	J	ARR	206	S H	CRAWFORD
57711	CONF	K	ARR			

MUSIC 382 ORGAN.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57729	CONF	A	ARR	200	S M H	PETTINGA
57736	CONF	B	ARR	200	S M H	HAMILTON

MUSIC 383 VIOLIN.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57743	CONF	A	ARR	202	S A	ROLLAND
57751	CONF	B	ARR	208	S A	SCHMITT
57768	CONF	C	ARR	205	S A	FARMER

MUSIC 384 VIOLA.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57775	CONF	A	ARR	203	S A	

MUSIC 385 CELLO.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57782	CONF	A	ARR	201	S A	SWENSON
57790	CONF	B	ARR	105	S A	FARRELL

MUSIC 386 STRING BASS.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57801	CONF	A	ARR	9	S M H	KROLICK

MUSIC 387 FLUTE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57818	CONF	A	ARR	2-122	KRAN PERF	DELANEY

MUSIC 388 CLARINET.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57825	CONF	A	ARR	11	S M H	MCDOWELL
57832	CONF	B	ARR	10	S M H	COGGINS

MUSIC 389 OBOE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57840	CONF	A	ARR	2	S M H		EDLEFSEN

MUSIC 390 BASSOON.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57857	CONF	A	ARR	105	S H		BERRY

MUSIC 391 CORNET AND TRUMPET.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57864	CONF	A	ARR	14	S M H		SEXTON

MUSIC 392 FRENCH HORN.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57871	CONF	A	ARR	4	S M H		HOLDEN

MUSIC 393 TROMBONE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57889	CONF	A	ARR	8	S M H		GRAY

MUSIC 394 BARITONE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57896	CONF	A	ARR	206	P A		PERANTONI

MUSIC 395 TUBA.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57907	CONF	A	ARR	206	P A		PERANTONI

MUSIC 396 PERCUSSION.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57914	CONF	A	ARR	6	S M H		SIWE
57921	CONF	B	ARR	6	S M H		FAIRCHILD

MUSIC 397 HARP.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57939	CONF	A	ARR	113	S M H		ROSENFIELD

MUSIC 398 SAXOPHONE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57946	CONF	A	ARR	10	S M H		COGGINS

MUSIC 399 HARPSICHORD.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

57953	CONF	A	ARR	101	S M H		HUNTER

APPLIED MUSIC COURSES FOR GRADUATES

MUSIC 480 PIANO.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

57961	CONF	A	ARR	112	S M H		KARP
57978	CONF	B	ARR	204	S M H		RICHARDS
57985	CONF	C	ARR				
57992	CONF	D	ARR	206	S M H		STRAVINSKY
58005	CONF	E	ARR	201	S M H		SANDERS
58012	CONF	F	ARR	205	S M H		HEILES
58020	CONF	G	ARR	209	S M H		SHAPIRO

MUSIC 481 VOICE.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

58037	CONF	A	ARR	203	S M H		BAILEY
58044	CONF	B	ARR	207	S M H		ELYN
58051	CONF	C	ARR	202	S M H		GUNSALUS
58069	CONF	D	ARR	211	S M H		HEDLUND
58076	CONF	E	ARR				NOTH
58083	CONF	F	ARR	200A	S M H		W. MILLER
58091	CONF	G	ARR	200B	S M H		BURDETTE
58101	CONF	H	ARR	210	S M H		REYNOLDS
58119	CONF	I	ARR	210	S H		WILSON
58126	CONF	J	ARR	206	S H		CRAWFORD

MUSIC 482 ORGAN.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

58133	CONF	A	ARR	200	S M H		PETTINGA
58141	CONF	B	ARR	200	S M H		HAMILTON

MUSIC 483 STRING INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

58158	CONF	A	ARR	9	S M H		KROLICK AND STRING FACULTY

MUSIC 484 WIND INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

58165	CONF	A	ARR	11	S M H		MCDOWELL AND WIND FACULTY

MUSIC 485 PERCUSSION INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

58172	CONF	A	ARR	6	S M H		SIWE

MUSIC 489 DOCTORAL PROJECTS.
OPEN ONLY TO STUDENTS IN THE DOCTOR OF MUSICAL ARTS PROGRAM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS.

58180	CONF	A	ARR	210	1203 W NEV		GRADUATE FACULTY

MUSIC 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF ADVISOR.
0 TO 4 UNITS.

58197	CONF	A	ARR	210	1203 W NEV		GRADUATE FACULTY

SUPPLEMENTARY INSTRUMENTS

NOTE: THESE COURSES ARE OPEN AS ELECTIVES TO STUDENTS FROM OTHER COLLEGFS. IN COURSES INVOLVING TWO INSTRUMENTS, TWO DAYS A WEEK ARE SPENT ON EACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

COURSES FOR UNDERGRADUATES

MUSIC 170 STRING INSTRUMENTS.
PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A IS FOR BEGINNERS. SECTION B IS FOR ADVANCED STUDENTS.

58208	LAB-DISC	*A	9	MTUWTHF	5	S M H	KROLICK AND
58215	LAB-DISC	*B	10	MTUWTHF	5	S M H	D. MILLER

MUSIC 171 CLARINET.
2 HOURS.

58222	LAB-DISC	A	8	MTUWTHF	5	S M H	
58230	LAB-DISC	B	9	MTUWTHF	10	S M H	

MUSIC 172 CORNET OR TRUMPET.
2 HOURS.

58247	LAB-DISC	A	8	MTUWTHF	14	S M H	SEEMAN
58254	LAB-DISC	B	9	MTUWTHF	14	S M H	TASA

MUSIC 173 FLUTE AND SAXOPHONE.
PREREQUISITE: MUSIC 171.
2 HOURS.

58261	LAB-DISC	A	10	MTUWTHF	10	S M H	COGGINS

MUSIC 174 FRENCH HORN AND PERCUSSION.
PREREQUISITE: MUSIC 172.
2 HOURS.

58279	LAB-DISC	A	10	MTUWTHF	4	S M H	HOLDEN AND FAIRCHILD

MUSIC 175 TROMBONE, BARITONE, AND TUBA.
PREREQUISITE: MUSIC 172.
2 HOURS.

58286	LAB-DISC	A	8	MTUWTHF	25	S M H	PERANTONI

MUSIC 176 OBOE AND BASSOON.
PREREQUISITE: MUSIC 171.
2 HOURS.

58293	LAB-DISC	A	1	MTUWTHF	2	S M H	BERRY AND EDLEFSEN

MUSIC 177 CLASS PIANO INSTRUCTION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.
*FOR NON-MUSIC STUDENTS ONLY
SECTIONS A-G: LEVEL ONE.
SECTIONS H-K: LEVEL TWO.
SECTIONS L-Q: LEVEL THREE.
SECTIONS R-U: LEVEL FOUR.

58336	LAB-DISC	*A	4	TU TH	5	P A	MARSHALL
58351	LAB-DISC	B	1	TU TH	5	P A	ELLISTON
58343	LAB-DISC	*C	11	M W	5	P A	BERENSON
58368	LAB-DISC	D	9	TU TH	5	P A	LYKE
58375	LAB-DISC	E	9	M W	5	P A	ELLISTON
58382	LAB-DISC	F	1	M W	5	P A	ELLISTON
58390	LAB-DISC	G	2	M W	5	P A	BERENSON
58401	LAB-DISC	H	8	TU TH	3	P A	MARSHALL
58418	LAB-DISC	I	10	TU TH	3	P A	BERENSON
58425	LAB-DISC	J	8	M W	3	P A	M. BLATTER
58432	LAB-DISC	K	9	M W	3	P A	MARSHALL
58440	LAB-DISC	L	2	M W	3	P A	MARSHALL
58457	LAB-DISC	M	1	TU TH	3	P A	BERENSON
58464	LAB-DISC	N	10	M W	3	P A	ELLISTON

USIC 177 CONTINUED

58471	LAB-DISC	O	3	TU TH	3	P A	LYKE
58489	LAB-DISC	P	9	TU TH	3	P A	BERENSON
58496	LAB-DISC	Q	2	TU TH	3	P A	LYKE
58304	LAB-DISC	R	10	M W	5	P A	MARSHALL
58311	LAB-DISC	S	1	M W	3	P A	MARSHALL
58329	LAB-DISC	T	12	M W	5	P A	M. BLATTER

USIC 178 CLASS INSTRUCTION IN VOICE.
FOR MUSIC AND MUSIC EDUCATION STUDENTS ONLY.
2 HOURS.

58507	LAB-DISC	A	9	TU TH	116	1203 W NEV	
58514	LAB-DISC	B	2	TU TH	116	1203 W NEV	CRAWFORD
58521	LAB-DISC	C	10	TU TH	203	S M H	BAILEY

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

USIC 377 CLASS PIANO (ADVANCED).
PREREQUISITE: MUSIC 180 (12 HOURS COMPLETED), 104 AND 109.
OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 4 HOURS OR 1 UNIT.
*2 HOURS OR 1/2 UNIT.
SECTIONS A AND B: LEVEL ONE.
SECTIONS C AND D: LEVEL TWO.

58539	LAB-DISC	A	10	TU TH	5	P A	LYKE
58546	LAB-DISC	B	3	TU TH	5	P A	ELLISTON
58553	LAB-DISC	C	2	TU TH	5	P A	BERENSON
58561	LAB-DISC	D	12	TU TH	5	P A	MARSHALL

ENSEMBLE COURSES

NOTE: ALL ENSEMBLE COURSES REQUIRE CONSENT OF INSTRUCTOR.

FOR BAND ENSEMBLES SEE BANDS.

COURSES FOR ADVANCED UNDERGRADUATES

MUSIC 250 UNIVERSITY ORCHESTRA.
1/2 HOUR.
*SECTION B IS FOR UNIVERSITY-CIVIC ORCHESTRA AND WILL MEET FROM
TWO TO FOUR ON SUNDAYS.

58578	PRACT	A	730PM	M	ORCH RHRSL KRAN		GOODMAN
		A	4	W F	ORCH RHRSL KRAN		GOODMAN
58585	PRACT	*B	ARR		ORCH RHRSL KRAN		DELANEY

MUSIC 251 CHAMBER ORCHESTRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

58592	PRACT	A	11	MTU	ORCH RHRSL KRAN		GARVEY
		A	11	W	A ENSEMBLE KRAN		

MUSIC 252 WIND ENSEMBLE.
1/2 HOUR.

58603	PRACT	A	11-1230	W F	ORCH RHRSL KRAN		GRAY

MUSIC 253 COLLEGIUM MUSICUM.
1/2 HOUR.

58611	PRACT	A	ARR		101	S M H	HUNTER

MUSIC 254 STRING ENSEMBLE.
1/2 HOUR.
*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.

58628	PRACT	*A	ARR		9	S M H	KROLICK AND STRING FACULTY

MUSIC 255 WOODWIND ENSEMBLE.
1/2 HOUR.

58635	PRACT	A	11	M W F	105A	S H				BERRY AND WOODWIND FACULTY

MUSIC 256 BRASS ENSEMBLE.
1/2 HOUR.

58642	PRACT	A	11	M W F	206	T A				PERANTONI AN BRASS FACULT

MUSIC 257 PERCUSSION ENSEMBLE.
1/2 HOUR.
*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.

58650	PRACT	*A	ARR		6	S M H				SIWE AND FAIRCHILD

MUSIC 258 PIANO ENSEMBLE.
1/2 HOUR.

58667	PRACT	A	4-6	M	112	S M H				

MUSIC 259 ORGAN KEYBOARD TECHNIQUES.
1 HOUR.

58674	CONF	A	ARR		200	S M H				HAMILTON AND PETTINGA

MUSIC 260 ORATORIO SOCIETY.
1/2 HOUR.
NOTE: OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.

58681	PRACT	A	8-950PM	TH	CHOS	RHRSL	KRAN			DECKER

MUSIC 261 UNIVERSITY CHORUS.
OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.
1/2 HOUR.
*SECTION B IS FOR WOMEN ONLY. SECTION C IS FOR BLACK CHORUS.

58699	PRACT	A	630-8PM	M W	CHOS	RHRSL	KRAN			
58700	PRACT	*B	4-530	TU TH	25	S M H				
58717	PRACT	*C	8-10PM	W	25	S M H				RAY

MUSIC 262 WOMENS GLEE CLUB.
OPEN TO ALL WOMEN STUDENTS.
1/2 HOUR.

58724	PRACT	A	4-530	TU TH	CHOS	RHRSL	KRAN			OLSON

MUSIC 263 MENS GLEE CLUB.
OPEN TO ALL MEN STUDENTS.
1/2 HOUR.

58731	PRACT	A	630-8PM	TU TH	CHOS	RHRSL	KRAN			OLSON

MUSIC 264 UNIVERSITY CHOIR.
1/2 HOUR.

58749	PRACT	A	4-515	M W F	CHOS	RHRSL	KRAN			DECKER

MUSIC 265 OPERA WORKSHOP AND ENSEMBLE.
1/2 HOUR.
*SECTION B IS FOR OPERA CHORUS.

58756	PRACT	A	3-6	TU TH	OPERA	RHRSL	KRAN			
58763	PRACT	*B	4-530	TU TH	B ENSEMBLE	KRAN				

MUSIC 266 JAZZ BAND.
PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS.
1/2 HOUR.

58771	PRACT	A	ARR		ORCH	RHRSL	KRAN			GARVEY
58788	PRACT	B	ARR		ORCH	RHRSL	KRAN			GARVEY
58795	PRACT	C	ARR		ORCH	RHRSL	KRAN			GARVEY
58806	PRACT	D	ARR		ORCH	RHRSL	KRAN			GARVEY

MUSIC 267 HARP ENSEMBLE.
PREREQUISITE: MUSIC 197 AND/OR 397.
1/2 HOUR.

58813	CONF	A	ARR		113	S M H				ROSENFIELD

MUSIC 268 SMALL CHORAL ENSEMBLES.
1/2 HOUR.
*SECTION A IS FOR CHAMBER CHOIR.
*SECTION B IS FOR SMALL ENSEMBLES.

58821	PRACT	*A	12	M W F	CHOS RHRSL KRAN		J. SMITH
58838	PRACT	*B	ARR		4-133 KRAN PERF		CHORAL STAFF

MUSIC 269 MUSIC CONVOCATIONS AND CONCERTS.

*EVENING CONCERTS TO BE ARRANGED.

58845	LAB	B	*11	TH	RECITAL HALL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 350 ADVANCED ENSEMBLE MUSIC.
PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*SECTION A IS FOR STRING GROUPS, SECTION B FOR OPERATIC, SECTION C FOR COLLEGIUM, SECTION D FOR CONTEMPORARY MUSIC, SECTION E FOR JAZZ PIANO IMPROVISATION, SECTION F FOR UNIVERSITY CHORALE. SECTION G IS FOR PIANO ENSEMBLES, SECTION F FOR WIND GROUPS.

58852	PRACT	*A	ARR		9	S M H	KROLICK AND STAFF
58860	PRACT	*B	3-5	M W	OPERA RHRSL KRAN		
58877	PRACT	*C	ARR		101	S M H	HUNTER
58884	PRACT	*D	ARR		305	S M H	ZONN, LONDON
58891	PRACT	*E	3	M W	5	P A	ELLISTON
58902	PRACT	F	11-1230	TU TH	CHOS RHRSL KRAN		DECKER
58910	PRACT	G	ARR		112	S M H	FLETCHER
58927	PRACT	H	ARR		11	S M H	MCDOWELL/STAFF

VOCAL DICTION COURSES

COURSES FOR UNDERGRADUATES

MUSIC 166 ENGLISH DICTION.
PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

58934	CONF	A	ARR		203	S M H	BAILEY
58941	CONF	B	ARR		207	S M H	ELYN
58959	CONF	C	ARR		202	S M H	GUNSALUS
58966	CONF	D	ARR		211	S M H	HEDLUND
58973	CONF	E	ARR		204	S H	NOTH
58981	CONF	F	ARR		200A	S M H	W. MILLER
58998	CONF	G	ARR		200B	S M H	BURDETTE
59001	CONF	H	ARR		210	S M H	REYNOLDS
59018	CONF	I	ARR		210	S H	WILSON
59025	CONF	J	ARR		206	S H	CRAWFORD
59032	CONF	K	ARR				

MUSIC 167 ITALIAN DICTION.
PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

59040	LAB-DISC	A	2	TU TH	210	S M H	REYNOLDS

MUSIC 168 GERMAN DICTION.
PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

59057	LAB-DISC	A	2	TU TH	25	S M H	ELYN

MUSIC 169 FRENCH DICTION.
PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

59064	LAB-DISC	A	10	TU TH	1	S H	GUNSALUS

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 366 VOCAL REPERTOIRE, I.
PREREQUISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR, CONCURRENT REGISTRATION IN MUSIC 381.
1 HOUR.

59071	LAB-DISC	A	1	TU TH	210	S H	WILSON

MUSIC LITERATURE COURSES

COURSES FOR ADVANCED UNDERGRADUATES

T A

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

MUSIC 320 PROSEMINAR.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT.
SECTION A TOPIC: INDIVIDUAL PROJECTS.
SECTION B TOPIC: PROSEMINAR IN MUSIC EDUCATION.
SECTION C TOPIC: CHORAL LAB.
SECTION D TOPIC: PERFORMANCE PROBLEMS IN BAROQUE KEYBOARD MUSIC.
SECTION E TOPIC: INDIVIDUAL PROJECTS IN MUSIC EDUCATION.
*SECTION F TOPIC: PROSEMINAR IN BYZANTINE MUSIC.

59114	CONF	A	ARR		202	H A	NETTL AND GRADUATE FACULTY
59121	LECT-DISC	B	4-6	M	116	1203 W NEV	LEONHARD
59139	LAB-DISC	C	9	M W F	CHOS	RHRSL KRAN	DECKER, J. SMITH
59089	LAB-DISC	D	ARR		101	S M H	HUNTER
59096	CONF	E	ARR		211	1203 W NEV	LEONHARD AND GRAD FACULTY
59107	LECT-DISC	*F	3-5	TH	101	H A	I. THOMAS

MUSIC 323 OPERA PRODUCTION, I.
PREREQUISITE: MUSIC 265, 381, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

59146	CONF	A	ARR		OPERA	RHRSL KRAN	

MUSIC 325 INTRODUCTION TO MUSICOLOGY, I.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY, OR CONSENT OF INSTRUCTOR
4 HOURS OR 1 UNIT.

59153	LECT-DISC	A	1	TU	201	H A	HAMM
		A	1-3	TH	201	H A	

COURSES FOR GRADUATES

MUSIC 420 SEMINAR IN MUSIC LITERATURE.
REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL ARTS PROGRAM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

59161	LECT-DISC	A	1-3	M	101	H A	I. THOMAS
		A	1	W	101	H A	

MUSIC 421 RESEARCH IN MUSIC EDUCATION.
REQUIRED OF ALL CANDIDATES FOR THE DOCTOR OF EDUCATION DEGREE IN MUSIC EDUCATION.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
1 UNIT.

59178	LECT-DISC	A	9-11	TU	8	S A	BERGETHON

MUSIC 422 SEMINAR IN THEORY OF MUSIC.
PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

59185	LECT-DISC	A	10	TU TH	116	1203 W NEV	LONDON

MUSIC 424 SEMINAR IN THE WORKS OF A SELECTED COMPOSER.
PREREQUISITE: MUSIC 213-214 AND TWO OF THE FOLLOWING: MUSIC 310, 311, 312, 313, 315, OR EQUIVALENT.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.
TOPIC: WORKS OF W. A. MOZART.

59192	LECT-DISC	A	1	M W F	201	H A	TEMPERLEY

MUSIC 425 READINGS IN MUSICOLOGY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY, AND CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

59203	CONF	A	ARR		202	H A	NETTL AND MUSICOLOGY FACULTY

MUSIC 428 PROBLEMS AND METHODS.
REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT THOSE MAJORING IN MUSICOLOGY.
1 UNIT.

59211	LECT-DISC	A	9-12	TU	201	H A	BEHAGUE
59228	LECT-DISC	B	1-4	F	101	H A	FRUM

NAVAL SCIENCE

DEPARTMENT OFFICE 239 ARMORY

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED.

ALL UNITS BATTALION PARADE 3-5 THURS, DEC 16, 1971

COURSES FOR UNDERGRADUATES

N S 100 NAVAL SCIENCE LABORATORY.
REQUIRED OF ALL NROTC STUDENTS.

SECTION A - FRESHMEN; SECTION B - SOPHOMORES; SECTION C - JUNIORS; SECTION D - SENIORS; SECTION E - MARINE OPTIONS; SECTION F - ONLY WITH SPECIAL PERMISSION OF INSTRUCTORS.

59235	LAB	*A	3-5	TH	101	ARMORY	MCHENRY
		*A	3-5	TH	ARMORY FLOOR		MCHENRY
59242	LAB	*B	3-5	TH	349	ARMORY	MCHENRY
		*B	3-5	TH	ARMORY FLOOR		MCHENRY
59250	LAB	*C	3-5	TH	250	ARMORY	MCHENRY
		*C	3-5	TH	ARMORY FLOOR		MCHENRY
59267	LAB	*D	3-5	TH	253	ARMORY	MCHENRY
		*D	3-5	TH	ARMORY FLOOR		MCHENRY
59274	LAB	*E	3-5	TH	145	ARMORY	MCHENRY
		*E	3-5	TH	ARMORY FLOOR		MCHENRY
59281	LAB	F	ARR	TU	138	ARMORY	

N S 111 PRINCIPLES OF NAVAL ORGANIZATION AND MANAGEMENT.
PREREQUISITE: APPROVAL OF PROFESSOR OF NAVAL SCIENCE; REGISTRATION IN N. S. 100.
3 HOURS.

59299	LECT-DISC	B	9	M W F	253	ARMORY	
59300	LECT-DISC	C	10	M W F	253	ARMORY	

COURSES FOR ADVANCED UNDERGRADUATES

N S 231 NAVIGATION AND NAVAL OPERATIONS, I.
PREREQUISITE: JUNIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM, REGISTRATION IN N. S. 100.
3 HOURS.

59317	LECT-DISC	L	8-930	TU TH	250	ARMORY	
59324	LECT-DISC	N	10-1130	TU TH	250	ARMORY	

N S 241 NAVAL WEAPONS SYSTEMS.
PREREQUISITE: SENIOR STANDING IN NAVAL OFFICER TRAINING PROGRAM; REGISTRATION IN N. S. 100.
3 HOURS.

59331	LECT-DISC	B	9	M W F	250	ARMORY	KOSTAR
59349	LECT-DISC	C	10	M W F	250	ARMORY	KOSTAR

N S 293 HISTORY OF AMPHIBIOUS WARFARE.
PREREQUISITE: ADVANCED UNDERGRADUATE STANDING AND REGISTRATION IN N. S. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

59356	LECT-DISC		9-1030	TU TH	253	ARMORY	MCHENRY

NUCLEAR ENGINEERING

DEPARTMENT OFFICE 214 N E L

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

NUC E 302 NUCLEAR POWER ENGINEERING.
SAME AS M. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

59363	LECT-DISC		9	M W F	235	M E B

NUC E 347 INTRODUCTION TO NUCLEAR ENGINEERING.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

59371	LECT-DISC		8	W	203	N E L
			9	M W F	203	N E L

NUC E 349 FUNDAMENTALS OF RADIATION PROTECTION.
SAME AS C. E. 349.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR IN PHYCS. 382.
3 HOURS, OR 3/4 OR 1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

59388	LECT-DISC		*2	M W F	203	N E L

NUC E 357 NUCLEAR REACTOR SAFEGUARDS.
PREREQUISITE: JUNIOR STANDING; NUC. E. 302 OR NUC. E. 347 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

59395	LECT-DISC		10-12	TU TH	203	N E L

NUC E 397 RADIOCHEMISTRY.
SAME AS CHEM. 397.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

59406	LECT		10	TU TH S	161	N L	HUMMEL

NUC E 398 RADIOCHEMISTRY LABORATORY.
SAME AS CHEM. 398.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

59413	DISC		11	S	111	N L	HUMMEL
	LAB		1-4	TU	20	N L	

NUC E 401 FUNDAMENTALS OF NUCLEAR ENGINEERING.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382 OR EQUIVALENT, AND CREDIT IN MATH. 345, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

59421	LECT-DISC		8	MTU THF	203	N E L

NUC E 422 CONTROLLED FUSION SYSTEMS.
SAME AS E. E. 422.
PREREQUISITE: NUC. E. 321 OR CONSENT OF INSTRUCTOR.
1 UNIT.

59438	LECT-DISC		3	M W F	203	N E L

NUC E 431 NUCLEAR METALLURGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

59445	LECT-DISC		11	M W F	203	N E L
	LAB		ARR			

NUC E 451 REACTOR LABORATORY.
PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

59452	DISC		1	F	203	N E L
59460	LAB	A	1-5	M	NUC REACTOR LAB	
59477	LAB	B	1-5	TH	NUC REACTOR LAB	

NUC E 454 NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

59484	CONF		ARR			STAFF

NUC E 456 REACTOR PHYSICS, II.
SAME AS PHYCS. 456.
PREREQUISITE: NUC. E. 455 OR CONSENT OF INSTRUCTOR.
1 UNIT.

59491	LECT-DISC		4	M W F	203	N E L

NUC E 458 NUCLEAR REACTOR ENGINEERING.
PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.
1 UNIT.

59502	LECT-DISC		8-10	TU TH	211	N E L

NUC E 460 REACTOR KINETICS.
PREREQUISITE: NUC. E. 401, AND CREDIT OR REGISTRATION IN NUC. E. 455; CONSENT OF INSTRUCTOR.
1 UNIT.

59510	LECT-DISC		10	M W F	203	N E L

NUC E 495 NUCLEAR ENGINEERING PROBLEMS.
PREREQUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

59527	CONF		ARR			STAFF

NUC E 497 SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING.

59534	LECT-DISC	A	4	TU	203	N E L
59541	LECT-DISC	B	4	W	203	N E L

NUC E 499 THESIS RESEARCH.
0 TO 4 UNITS.

59559	CONF		ARR			STAFF

OCCUPATIONAL THERAPY

DEPARTMENT OFFICE 1207 W. OREGON

COURSES FOR UNDERGRADUATES

O T 100 OCCUPATIONAL THERAPY ORIENTATION.
PREREQUISITE: REGISTRATION IN THE OCCUPATIONAL THERAPY CURRICULUM.
2 HOURS.
59566 LECT-DISC 1 TU TH 154 ADMIN

PERSIAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

COURSES FOR ADVANCED UNDERGRADUATES

PERS 201 ELEMENTARY PERSIAN, I.
5 HOURS.
OPEN TO FRESHMEN.
59573 LECT-DISC 11 MTUWTHF 1018 F L B NETZER

PERS 205 INTRODUCTION TO PERSIAN CULTURE AND LITERATURE.
3 HOURS.
59581 LECT-DISC 1 M W F 312 D H NETZER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PERS 303 INTERMEDIATE PERSIAN, I.
PREREQUISITE: PERS. 202 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.
59598 LECT-DISC 10 MTUWTHF 8 COM W NETZER

PERS 305 ADVANCED PERSIAN, I.
PREREQUISITE: PERS. 304 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
59609 LECT-DISC ARR

PERS 309 CONTEMPORARY PERSIAN LITERATURE AND WESTERN INFLUENCE (IN TRANSLATION).
SAME AS C. LIT. 309.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
59616 LECT-DISC ARR

PETROLEUM ENGINEERING

DEPARTMENT OFFICE 201 M M B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PET E 371 RESERVOIR MECHANICS, I.
PREREQUISITE: MATH. 345 AND T. A. M. 235.
3 HOURS OR 1 UNIT.
59623 LECT-DISC ARR

DEPARTMENT OFFICE 105 G H

MAJOR: TWENTY HOURS FROM ANY COURSES OFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND ONE ADDITIONAL 300 COURSE IN PHILOSOPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CURRICULUM, OR FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE EXCLUDED. IF TWO DEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

COURSES FOR UNDERGRADUATES

PHIL 101 INTRODUCTION TO PHILOSOPHY.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.

59631	LECT-DISC	A1	8	M W F	207	G H	
59648	LECT-DISC	A2	8	M W F	327	G H	
59655	LECT-DISC	B1	9	M W F	327	G H	TURQUETTE
59662	LECT-DISC	B2	9	M W F	311	G H	MONK
59670	LECT-DISC	C1	10	M W F	327	G H	CARGILE
59687	LECT-DISC	C2	10	M W F	336	G H	
59694	LECT-DISC	D	11	M W F	321	G H	HUGLY
59705	LECT-DISC	E	1	M W F	207	G H	
59712	LECT-DISC	F1	2	M W F	207	G H	
59720	LECT-DISC	F2	2	M W F	311	G H	
59737	LECT-DISC	G1	3	M W F	321	G H	SHAPIRA
59744	LECT-DISC	G2	3	M W F	207	G H	FABER
59751	LECT-DISC	L	830-10	TU TH	321	G H	
59769	LECT-DISC	M	9-1030	TU TH	336	G H	
59776	LECT-DISC	N	10-1130	TU TH	321	G H	
59783	LECT-DISC	R1	1-230	TU TH	321	G H	
59791	LECT-DISC	R2	1-230	TU TH	311	G H	
59801	LECT-DISC	S1	2-330	TU TH	207	G H	

PHIL 102 LOGIC.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.

59819	LECT-DISC	A	8	M W F	336	G H	
59826	LECT-DISC	C	10	M W F	213	G H	CATON
59833	LECT-DISC	F	2	M W F	223	G H	WENGERT
59841	LECT-DISC	G	3	M W F	327	G H	MELNICK
59858	LECT-DISC	R1	1-230	TU TH	101	ARMORY	SUPPE
59865	LECT-DISC	R2	130-3	TU TH	327	G H	

PHIL 103 ETHICS AND SOCIAL POLICY.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
*CREDIT IS NOT GIVEN FOR BOTH PHIL. 103 AND 105.
*4 HOURS.

59872	LECT-DISC	D	11	MTUWTH	207	G H	WERNER

PHIL 105 MORAL IDEAS AND PRACTICE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
*CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103.
*2 HOURS.
THESE CLASSES MEET 3 HOURS PER WEEK FOR FIRST 10 WEEKS OF SEMESTER.

59880	LECT-DISC	A	8	M W F	321	G H	
59897	LECT-DISC	B	9	M W F	207	G H	
59908	LECT-DISC	C	10	M W F	311	G H	
59915	LECT-DISC	E	1	M W F	311	G H	
59922	LECT-DISC	F	2	M W F	321	G H	
59930	LECT-DISC	G	3	M W F	336	G H	
59947	LECT-DISC	L	830-10	TU TH	327	G H	
59954	LECT-DISC	R	1-230	TU TH	336	G H	
59961	LECT-DISC	S	230-4	TU TH	321	G H	

PHIL 110 WORLD RELIGIONS.
SAME AS RELST. 110.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.
NOTE: STUDENTS ARE REQUIRED TO ATTEND AT LEAST 6 OF THE 15 SPECIAL EVENING SESSIONS WHICH WILL INCLUDE GUEST LECTURES.

59979	LECT-DISC	P	11	TU TH	112	G H		TIEBOUT
		P	7-930PM	TU	112	G H		

PHIL 195 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR--FRESHMAN STANDING.
3 HOURS.

59986	LECT-DISC	N	1030-12	TU TH	402	G H		

PHIL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
NOTE: REQUESTS FOR ACTIVATION OF THIS COURSE MAY BE MADE BY STUDENTS OR BY FACULTY AND SHOULD BE DIRECTED TO THE CHAIRMAN OF THE PHILOSOPHY DEPARTMENT PRIOR TO REGISTRATION.

59993	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES

PHIL 210 ETHICS.
3 HOURS.

60000	LECT-DISC	E	1	M W F	327	G H		CHANDLER

PHIL 230 PHILOSOPHY OF RELIGION: INTRODUCTION.
SAME AS RELST. 230.
3 HOURS.

60017	LECT-DISC	S	230-4	TU TH	311	G H		ROBISON

PHIL 270 PHILOSOPHY OF SCIENCE.
3 HOURS.

60024	LECT-DISC	F	2	M W F	327	G H		NICKLES

PHIL 291 READING COURSE.
PREREQUISITE: OPEN TO JUNIORS AND SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
*2 TO 4 HOURS.

60031	CONF		ARR					

PHIL 292 THESIS.
PREREQUISITE: OPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0, ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
*2 TO 4 HOURS.

60049	CONF		ARR					

PHIL 295 SENIOR SEMINAR.
PREREQUISITE: OPEN TO SENIOR PHILOSOPHY MAJORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0 ONLY WITH CONSENT OF INSTRUCTOR.
*COURSE MAY BE REPEATED TO A TOTAL OF 6 HOURS CREDIT.
*3 HOURS.

60056	LECT-DISC	T	3-5	TH	336	G H		WILL

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSOPHY COURSES ARE PERMITTED TO TAKE PHIL. 303, 306, 307, AND 308. THOSE WHO HAVE HAD A PHILOSOPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSOPHY COURSE.

PHIL 303 HISTORY OF GREEK AND ROMAN PHILOSOPHY.
4 HOURS OR 1 UNIT.
*SECTION &P IS FOR GRADUATE STUDENTS, PHILOSOPHY MAJORS, AND JAMES SCHOLARS. SECTION &T IS FOR PHILOSOPHY MAJORS AND JAMES SCHOLARS.

60063	LECT	N	10	TU TH	213	G H		ROBISON
60138	DISC	*&P	11	TU	1	G H		ROBISON
60071	DISC	D	11	F	207	G H		
60088	DISC	G1	3	M	311	G H		
60095	DISC	G2	3	W	311	G H		
60106	DISC	R1	1	TU	207	G H		
60113	DISC	R2	1	TH	207	G H		
60145	DISC	*&T	3	TU	336	G H		
60121	DISC	U	4	TU	207	G H		

PHIL 312 THE PHILOSOPHY OF KANT.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60152	LECT-DISC	D	11	M W F	336	G H		MELNICK

PHIL 315 EUROPEAN PHILOSOPHY SINCE 1900.
3 HOURS OR 1 UNIT.

60160	LECT-DISC	E	1	M W F	223	G H		SCHACHT

PHIL 316 ANGLO-AMERICAN PHILOSOPHY SINCE 1900.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS OR 1 UNIT.

60177	LECT-DISC	E	1	M W F	321	G H		MONK

PHIL 321 ETHICS AND VALUE THEORY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60184	LECT-DISC	D	11	M W F	311	G H		DIGGS

PHIL 322 RECENT DEVELOPMENTS IN ETHICS.
PREREQUISITE: PHIL. 103, 105, OR 321.
3 HOURS, OR 3/4 OR 1 UNIT.

60191	LECT-DISC	N	10-1130	TU TH	311	G H		

PHIL 325 PHILOSOPHY OF MIND.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60202	LECT-DISC	M	9-1030	TU TH	207	G H		

PHIL 326 METAPHYSICS.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60210	LECT-DISC	C	10	M W F	207	G H		

PHIL 327 PHILOSOPHY OF SCIENCE: ADVANCED SURVEY.
PREREQUISITE: PHIL. 270 OR JUNIOR STANDING OR PERMISSION OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

60227	LECT-DISC	N	10-1130	TU TH	327	G H		SUPPE

PHIL 329 THE PHILOSOPHY OF SOCIAL SCIENCES.
3 HOURS OR 1 UNIT.

60234	LECT-DISC	C	10	M W F	321	G H		WERNER

PHIL 330 THEORY OF KNOWLEDGE.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60241	LECT-DISC	E	1	M W F	336	G H		SHAPIRA

PHIL 331 ANALYTIC PHILOSOPHY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60259	LECT-DISC	B	9	M W F	321	G H		

PHIL 332 PERCEPTION AND KNOWLEDGE.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

60266	LECT-DISC	B	9	M W F	336	G H		HUGLY

PHIL 333 SYMBOLIC LOGIC, I.
3 HOURS, OR 3/4 OR 1 UNIT.
60273 LECT-DISC D 11 M W F 327 G H TURQUETTE

PHIL 335 SOCIAL PHILOSOPHY.
PREREQUISITE: PHIL. 103, 105, OR 321, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.
60281 LECT-DISC N 1030-12 TU TH 336 G H

PHIL 337 SEMANTICS.
PREREQUISITE: ONE COURSE IN LOGIC.
3 HOURS, OR 3/4 OR 1 UNIT.
60298 LECT-DISC T 3-430 TU TH 327 G H FABER

PHIL 361 COMPARATIVE RELIGIONS: THE RELIGIONS OF THE EAST.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
TOPIC: BUDDHISM.
60309 LECT-DISC L 830-10 TU TH 311 G H TIEBOUT

COURSES FOR GRADUATES

PHIL 401 SEMINAR IN ANCIENT PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60316 LECT-DISC 7-9PM M 402 G H

PHIL 403 SEMINAR IN MEDIEVAL PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: THOMAS AQUINAS.
60323 LECT-DISC 7-9PM TU 402 G H WENGERT

PHIL 405 SEVENTEENTH-CENTURY CONTINENTAL THOUGHT (DESCARTES, SPINOZA, LEIBNIZ).
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60331 LECT-DISC 7-9PM TH 402 G H

PHIL 407 BRITISH EMPIRICISM.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60348 LECT-DISC 7-9PM W 402 G H

PHIL 410 SEMINAR IN NINETEENTH CENTURY PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60355 LECT-DISC 1-3 TU 402 G H SCHACHT

PHIL 411 SEMINAR IN RECENT ETHICAL THEORY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60362 LECT-DISC 3-5 TU 402 G H WALLACE

PHIL 412 SEMINAR IN SOCIAL PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60370 LECT-DISC 3-5 TH 402 G H DIGGS

PHIL 413 LOGICAL THEORY.
PREREQUISITE: A COURSE IN LOGIC OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: PROBLEMS IN PHILOSOPHY OF LOGIC.
60387 LECT-DISC 1-3 M 402 G H CARGILE

PHIL 415 SEMINAR IN METAPHYSICS.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC--BODIES.
60394 LECT-DISC 3-5 M 402 G H CHANDLER

PHIL 417 SEMINAR IN THE PHILOSOPHY OF SCIENCE.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60405 LECT-DISC 1-3 TH 402 G H NICKLES

PHIL 420 SEMINAR IN SEMANTICS
SAME AS COMM. 420.
PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60412 LECT-DISC 1-3 W 402 G H CATON

PHIL 423 SEMINAR IN THEORY OF KNOWLEDGE.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60420 LECT-DISC 3-5 W 402 G H WILL

PHIL 425 SEMINAR IN THE PHILOSOPHY OF MIND.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
60437 LECT-DISC 1-3 F 402 G H

PHIL 483 INDIVIDUAL TOPICS.
TOPICS AND PLAN OF STUDY MUST BE APPROVED BY THE CANDIDATE'S ADVISER AND BY THE STAFF MEMBER WHO WILL DIRECT THE WORK.
1/2 OR 1 UNIT.
60444 CONF ARR

PHIL 499 THESIS RESEARCH.
0 TO 4 UNITS.
60451 CONF ARR

PHYSICAL EDUCATION FOR MEN

BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE 201 M O G

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (EXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED TO OBTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION, INCLUDING THE AMOUNT TRANSFERRED. CREDIT MAY BE OBTAINED BY PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS MUST BE SECURED IN ROOM 201 MEN'S OLD GYMNASIUM NOT LATER THAN 24 HOURS PRECEDING EACH EXAMINATION. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PERMISSION FROM THE COORDINATOR OF PRESCRIBED EXERCISE.

NOTE: MOST PEM BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEM 107, 108, 109
SEQUENCE 2 - PEM 122, 124, 125, 126
SEQUENCE 3 - PEM 127, 128, 130, 134, 137
SEQUENCE 4 - PEM 103, 104, 121, 136
SEQUENCE 5 - PEM 129, 139, 146

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

P E M 100 FOUNDATIONS OF PHYSICAL ACTIVITY.
1 HOUR.
ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY.

60469	LAB	BB	9-11	M W	310	MOG BALC
60476	LAB	FF	1-3	M W	310	M O G BALC
60483	LAB	LL	8-10	TU TH	G 20H	I M P E
60491	LAB	NN	10-12	TU TH	310	M O G BALC
60501	LAB	QQ	1-3	TU TH	G 20H	I M P E

P E M 101 PRESCRIBED EXERCISE.
PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.
STUDENTS MAY ACCUMULATE 4 HOURS.
1 HOUR.
*SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

60519	LAB	A	ARR	106	MOG ANNEX
60526	LAB	*X	ARR	REHAB	CENTER

P E M 102 WEIGHT CONTROL.
PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION.
1 HOUR.
REGISTRATION IS LIMITED TO THOSE STUDENTS WHO ARE OVERWEIGHT.
UNDERWEIGHT STUDENTS ARE ENCOURAGED TO SIGN UP FOR P E M 123 OR P E M 106.

60533	LAB	D	11	M W F	312SEM	O G

P E M 103 DEVELOPMENTAL ACTIVITIES.
1 HOUR.

60541	LAB	C	10	M W F	ARMORY FLOOR
60558	LAB	D	11	M W F	ARMORY FLOOR
60565	LAB	H	3	M W F	ARMORY FLOOR
60572	LAB	M	9-1015	TU TH	ARMORY FLOOR
60580	LAB	V	11-1215	TU TH	ARMORY FLOOR

P E M 104 WEIGHT TRAINING.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE RESIDENCE HALLS.

60597	LAB	A	8	M W F	114	MOG ANNEX
60775	LAB	*A2	8	M W F	38B	OGLESBY
60608	LAB	B	9	M W F	114	MOG ANNEX
60615	LAB	B1	9	M W F	G 20H	I M P E
60622	LAB	C	10	M W F	114	MOG ANNEX
60630	LAB	C1	10	M W F	G 20H	I M P E
60647	LAB	D	11	M W F	114	MOG ANNEX
60782	LAB	*D2	11	M W F	38B	OGLESBY
60654	LAB	F1	1	M W F	G 20H	I M P E
60661	LAB	G	2	M W F	114	MOG ANNEX
60679	LAB	G1	2	M W F	G 20H	I M P E
60686	LAB	H	3	M W F	114	MOG ANNEX
60693	LAB	J	4	M W F	114	MOG ANNEX
60704	LAB	L	8-915	TU TH	114	MOG ANNEX
60711	LAB	M	9-1015	TU TH	114	MOG ANNEX
60729	LAB	N	10-1115	TU TH	114	MOG ANNEX
60736	LAB	N1	10-1115	TU TH	G 20H	I M P E
60743	LAB	V	11-1215	TU TH	114	MOG ANNEX
60751	LAB	V1	11-1215	TU TH	G 20H	I M P E
60768	LAB	Q	1-215	TU TH	114	MOG ANNEX
60790	LAB	*S2	3-415	TU TH	38B	OGLESBY
60801	LAB	*T2	4-515	TU TH	38B	OGLESBY

P E M 107 FENCING.

1 HOUR.

BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

60818	LAB	A	8	M W F	302	H G
60825	LAB	B	9	M W F	302	H G
60832	LAB	D	11	M W F	302	H G
60840	LAB	L	8-915	TU TH	302	H G
60857	LAB	M	9-1015	TU TH	302	H G

P E M 108 WRESTLING.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

60864	LAB	G	2	M W F	115	MOG ANNEX
60871	LAB	N	10-115	TU TH	G 26	I M P E

P E M 109 PERSONAL DEFENSE.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

60889	LAB	A	8	M W F	G 26	I M P E
60896	LAB	B	9	M W F	G 26	I M P E
60907	LAB	C	10	M W F	115	MOG ANNEX
60914	LAB	D	11	M W F	115	MOG ANNEX
60921	LAB	E	12	M W F	115	MOG ANNEX
60939	LAB	F	1	M W F	G 26	I M P E
60946	LAB	G	2	M W F	G 26	I M P E
60953	LAB	H	3	M W F	115	MOG ANNEX
60961	LAB	L	8-915	TU TH	G 26	I M P E
60978	LAB	M	9-1015	TU TH	G 26	I M P E
60985	LAB	N	10-1115	TU TH	G 26	I M P E
60992	LAB	V	11-1215	TU TH	115	MOG ANNEX
61005	LAB	P	12-115	TU TH	115	MOG ANNEX

P E M 110 BEGINNING SWIMMING.

PREREQUISITE: NON-SWIMMER. THOSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS.

1 HOUR.

*SECTION G DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR OF WATER.

61012	LAB	A	8	M W F	NATATORIUM IMPE
61020	LAB	B	9	M W F	NATATORIUM IMPE
61037	LAB	C	10	M W F	NATATORIUM IMPE
61044	LAB	D	11	M W F	NATATORIUM IMPE
61051	LAB	E	12	M W F	NATATORIUM IMPE
61069	LAB	F	1	M W F	NATATORIUM IMPE
61076	LAB	G	2	M W F	NATATORIUM IMPE
61083	LAB	Q	1	TU TH	NATATORIUM IMPE
61091	LAB	R	2	TU TH	NATATORIUM IMPE

P E M 112 INTERMEDIATE SWIMMING.

PREREQUISITE: THE STUDENT MUST HAVE THE ABILITY TO SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS, BUT NOT THE ABILITY TO QUALIFY FOR ENROLLMENT IN P. E. M. 113 OR 114.

1 HOUR.

61101	LAB	A	8	M W F	212	M O G POOL
61119	LAB	A1	8	M W F	112	H G POOL
61126	LAB	B	9	M W F	212	M O G POOL
61133	LAB	B1	9	M W F	112	H G POOL
61141	LAB	C	10	M W F	212	M O G POOL
61158	LAB	C1	10	M W F	112	H G POOL
61165	LAB	D	11	M W F	212	M O G POOL
61172	LAB	L	8-915	TU TH	212	M O G POOL
61180	LAB	M	9-1015	TU TH	212	M O G POOL
61197	LAB	N	10-1115	TU TH	212	M O G POOL
61208	LAB	V	11-1215	TU TH	212	M O G POOL

P E M 113 AQUATIC SPORTS.

PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--CRAWL, BACK CRAWL AND BREASTSTROKE --AND 20 YARDS UNDERWATER.

1 HOUR.

61215	LAB	L	8-915	TU TH	112	H G POOL
61222	LAB	M	9-1015	TU TH	112	H G POOL
61230	LAB	Q	1-215	TU TH	112	H G POOL

P E M 114 LIFE SAVING.

PREREQUISITE: ABILITY TO SWIM 1/2 MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--SIDESTROKE, BREASTSTROKE AND FRONT CRAWL--AND 20 YARDS UNDERWATER.
1 HOUR.
ALL LIFE SAVING SECTIONS ARE CO-REC.
SECTIONS MM,CC, QQ, AND FF MEET FIRST EIGHT WEEKS ONLY.

61247	LAB	MM	910-1040	TU TH	NATATORIUM IMPE
61254	LAB	CC	1010-1140	M W	NATATORIUM IMPE
61261	LAB	QQ	110-240	TU TH	NATATORIUM IMPE
61279	LAB	FF	110-240	M W	NATATORIUM IMPE

SECTIONS AA AND NN WILL MEET SECOND EIGHT WEEKS ONLY.
CLASSES BEGIN ON MONDAY, NOVEMBER 1, 1971.

61286	LAB	AA	810-940	M W	NATATORIUM IMPE
61293	LAB	NN	1010-1140	TU TH	NATATORIUM IMPE

SECTIONS N, V, AND P MEET FOR THE FULL 16 WEEKS OF THE SEMESTER.

61304	LAB	N	1010-1040	TU TH	NATATORIUM IMPE
61311	LAB	V	1110-1140	TU TH	NATATORIUM IMPE
61329	LAB	P	1210-1240	TU TH	NATATORIUM IMPE

P E M 116 DIVING.

PREREQUISITE: OPEN ONLY TO STUDENTS WHO SWIM 50 YARDS IN GOOD FORM.
1 HOUR.
*SECTIONS N AND V ARE CO-REC.

61336	LAB	M	9	TU TH	NATATORIUM IMPE
61351	LAB	*N	10	TU TH	NATATORIUM IMPE
61368	LAB	*V	11	TU TH	NATATORIUM IMPE
61343	LAB	Q	1	TU TH	NATATORIUM IMPE

P E M 117 WATER SAFETY. A. R. C. INSTRUCTOR TRAINING.

PREREQUISITE: STRONG SWIMMERS WHO HAVE A CURRENT AMERICAN RED CROSS SR. LIFE SAVING AUTHORIZATION CARD.
1 HOUR.
*SECTIONS CC AND FF ARE CO-REC. MEET SECOND EIGHT WEEKS STARTING ON MONDAY, NOVEMBER 1, 1971.

61390	LAB	*CC	10-12	M W	NATATORIUM IMPE
61401	LAB	*FF	1-3	M W	NATATORIUM IMPE
61375	LAB	L	8-915	TU TH	NATATORIUM IMPE
61382	LAB	M	9-1015	TU TH	NATATORIUM IMPE

P E M 119 CANOEING AND SMALL CRAFT OPERATION.

PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.
1 HOUR.
REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD PRECEDING THE COURSE HOUR. THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS. FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

61418	LAB	CC	10-12	M W	CRYSTAL LAKE
61425	LAB	HH	3-5	M W	CRYSTAL LAKE
61432	LAB	SS	3-5	TU TH	CRYSTAL LAKE

NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MEN'S OLD GYM.

P E M 120 BASKETBALL.

PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.
1 HOUR.

61440	LAB	A	8	M W F	190 I M P E
61457	LAB	B	9	M W F	190 I M P E
61464	LAB	C	10	M W F	105 MOG ANNEX
61471	LAB	D	11	M W F	105 MOG ANNEX
61489	LAB	F	1	M W F	105 MOG ANNEX
61496	LAB	G	2	M W F	105 MOG ANNEX

P E M 121 SOCCER.

1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

61507	LAB	AA	8-10	M W	FLD A H G
61514	LAB	CC	10-12	M W	FLD A H G
61521	LAB	EE	12-2	M W	FLD A H G
61539	LAB	GG	2-4	M W	FLD A H G
61546	LAB	LL	8-10	TU TH	FLD A H G
61553	LAB	NN	10-12	TU TH	FLD A H G
61561	LAB	RR	2-4	TU TH	FLD A H G

NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.

P E M 122 VOLLEYBALL.

1 HOUR.

*SECTIONS D, F, G, M, N, AND V MEET WITH PEW 122.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

61578	LAB	A	8-915	M W	105	MOG ANNEX
61585	LAB	B	9-1015	M W	105	MOG ANNEX
61592	LAB	C	10-1115	M W	190	I M P E
61635	LAB	*D	11-1215	M W	190	I M P E
61642	LAB	*F	1-215	M W	190	I M P E
61650	LAB	*G	2-315	M W	190	I M P E
61603	LAB	L	8-915	TU TH	105	MOG ANNEX
61667	LAB	*M	9-1015	TU TH	155	I M P E
61674	LAB	*N	10-1115	TU TH	155	I M P E
61681	LAB	*V	11-1215	TU TH	155	I M P E
61611	LAB	R	2-315	TU TH	105	MOG ANNEX
61628	LAB	S	3-415	TU TH	105	MOG ANNEX

P E M 124 TUMBLING AND FREE EXERCISE.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

61699	LAB	B	9	M W F	312NE M O G
61700	LAB	C	10	M W F	312NE M O G
61717	LAB	D	11	M W F	312NE M O G

P E M 125 TRAMPOLINE AND DOUBLES TUMBLING.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

61724	LAB	G	2	M W F	312NE M O G
61731	LAB	H	3	M W F	312NE M O G
61749	LAB	M	9-1015	TU TH	312NE M O G

P E M 126 APPARATUS STUNTS.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

61756	LAB	N	10-1115	TU TH	312SE M O G
61763	LAB	V	11-1215	TU TH	312SE M O G
61771	LAB	R	2-315	TU TH	312SE M O G

P E M 127 HANDBALL.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*SECTIONS C AND G MEET FIRST EIGHT WEEKS ONLY. SECTIONS C1 AND G1 MEET SECOND EIGHT WEEKS. CLASSES BEGIN MONDAY, NOVEMBER 1, 1971.

61788	LAB	A	8	M W F	HNDBL CTS IMPE
61795	LAB	B	9	M W F	HNDBL CTS IMPE
61877	LAB	*C	10	MTUWTH	HNDBL CTS IMPE
61891	LAB	*C1	10	MTUWTH	HNDBL CTS IMPE
61806	LAB	D	11	M W F	HNDBL CTS IMPE
61813	LAB	F	1	M W F	HNDBL CTS IMPE
61884	LAB	*G	2	MTUWTH	HNDBL CTS IMPE
61902	LAB	*G1	2	MTUWTH	HNDBL CTS IMPE
61821	LAB	L	8-915	TU TH	HNDBL CTS IMPE
61838	LAB	M	9-1015	TU TH	HNDBL CTS IMPE
61845	LAB	N	10-1115	TU TH	HNDBL CTS IMPE
61852	LAB	Q	1-215	TU TH	HNDBL CTS IMPE
61860	LAB	R	2-315	TU TH	HNDBL CTS IMPE

P E M 128 SQUASH RACQUETS.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

61910	LAB	B	9	M W F	SQUASH CTS IMPE
61927	LAB	G	2	M W F	SQUASH CTS IMPE
61934	LAB	V	11	TU TH	SQUASH CTS IMPE

P E M 129 ARCHERY.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

*SECTIONS D AND E MEET WITH P E W 129.

*SECTION QQ MEETS LAST 8 WEEKS STARTING MONDAY, NOV. 1, 1971.

61941	LAB	BB	9-11	M W	ARCHERY RANGE
61966	LAB	*D	11	MTUWTH	ARCHERY RANGE
61959	LAB	MM	9-11	TU TH	ARCHERY RANGE
61973	LAB	*E	12	MTUWTH	ARCHERY RANGE
61981	LAB	*QQ	1-3	TU TH	G 48 I M P E

NOTE: FIRST CLASS MEETING IN 11 FREEF GYM.

P E M 130 BADMINTON.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

*SECTIONS B, C, Q, AND R ARE CO-REC AND MEET FOR FULL 16 WEEKS.

61998	LAB	AA	8-10	M W	100 H G
62001	LAB	CC	10-12	M W	100 H G
62018	LAB	LL	8-10	TU TH	100 H G
62057	LAB	*LL1	8-10	TU TH	190 I M P E
62025	LAB	LL2	8-10	TU TH	190 I M P E
62032	LAB	NN	10-12	TU TH	100 H G
62064	LAB	*NN1	10-12	TU TH	100 H G
62040	LAB	QQ	1-3	TU TH	100 H G
62071	LAB	*QQ1	1-3	TU TH	100 H G
62089	LAB	*B	9	M W	155 I M P E
62096	LAB	*C	10	M W	155 I M P E
62107	LAB	*Q	1	TU TH	190 I M P E
62114	LAB	*R	2	TU TH	190 I M P E

*SECTIONS LL1, NN1, AND QQ1 WILL MEET SECOND EIGHT WEEKS OF THE SEMESTER, CLASSES BEGIN NOVEMBER 1, 1971.

P E M 132 BOWLING.

1 HOUR.

ALLEY SERVICE CHARGE IS $7.50.

*THESE SECTIONS ARE CO-REC.

62121	LAB	A1	8	M W	60 IU ALLEYS
62139	LAB	B1	9	M W	60 IU ALLEYS
62161	LAB	*C	10	M W	60 IU ALLEYS
62178	LAB	*C1	10	M W	60 IU ALLEYS
62185	LAB	*D	11	M W	60 IU ALLEYS
62192	LAB	*D1	11	M W	60 IU ALLEYS
62203	LAB	*F1	1	M W	60 IU ALLEYS
62211	LAB	*G	2	M W	60 I U ALLEYS
62146	LAB	L	8	TU TH	60 IU ALLEYS
62153	LAB	M	9	TU TH	60 IU ALLEYS
62228	LAB	*N	10	TU TH	60 IU ALLEYS
62235	LAB	*N1	10	TU TH	60 IU ALLEYS
62242	LAB	*V	11	TU TH	60 IU ALLEYS
62250	LAB	*V1	11	TU TH	60 IU ALLEYS
62267	LAB	*Q	1	TU TH	60 IU ALLEYS

P E M 134 GOLF, I.

1 HOUR.

NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH A CLASSMATE. RANGE SERVICE CHARGE IS $8.00.

62274	LAB	BB	9-11	M W	ROUTE 45 NORTH
62281	LAB	CC	10-12	M W	ROUTE 45 NORTH
62299	LAB	DD	11-1	M W	ROUTE 45 NORTH
62300	LAB	LL	8-10	TU TH	ROUTE 45 NORTH
62317	LAB	MM	9-11	TU TH	ROUTE 45 NORTH
62324	LAB	NN	10-12	TU TH	ROUTE 45 NORTH
62331	LAB	VV	11-1	TU TH	ROUTE 45 NORTH

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY, HUFF GYM.

P E M 135 GOLF, II.
SAME AS P. E. W. 135.
FEE, $18.00. EIGHT WEEK UNIT.
PREREQUISITE: P. E. M. OR P. E. W. 134, AND CONSENT OF INSTRUCTOR.
1 HOUR.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. $18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH.

62349	LAB	MM	9-11	M W	PAR3 RT 45 SOUTH
62356	LAB	VV	11-1	M W	PAR3 RT 45 SOUTH

NOTE: FIRST CLASS MEETING WILL BE HELD IN 210 FREER GYM.

P E M 136 TRACK AND FIELD ATHLETICS.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

62363	LAB	FF	1-3	M W	EAST ILL FLD
62371	LAB	HH	3-5	M W	EAST ILL FLD
62388	LAB	QQ	1-3	TU TH	EAST ILL FLD
62395	LAB	SS	3-5	TU TH	EAST ILL FLD

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY MOG ANNEX.

P E M 137 TENNIS, I.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
*SECTIONS A, B, AND J MEET WITH P E W 137 A, B, AND I.

62406	LAB	AA	8-10	M W	GREGORY DRIVE CT
62413	LAB	AA1	8-10	M W	STADIUM CTS E
62421	LAB	BB	9-11	M W	H G COURTS
62438	LAB	CC	10-12	M W	GREGORY DRIVE CT
62445	LAB	CC1	10-12	M W	STADIUM CTS E
62452	LAB	DD	11-1	M W	H G COURTS
62460	LAB	FF	1-3	M W	STADIUM CTS E
62477	LAB	GG	2-4	M W	GREGORY DRIVE CT
62484	LAB	HH1	3-5	M W	STADIUM CTS E
62491	LAB	LL	8-10	TU TH	GREGORY DRIVE CT
62502	LAB	LL1	8-10	TU TH	STADIUM CTS E
62510	LAB	MM	9-11	TU TH	H G COURTS
62527	LAB	NN	10-12	TU TH	GREGORY DRIVE CT
62534	LAB	NN1	10-12	TU TH	STADIUM CTS E
62541	LAB	VV	11-1	TU TH	H G COURTS
62559	LAB	QQ	1-3	TU TH	GREGORY DRIVE CT
62566	LAB	SS1	3-5	TU TH	STADIUM CTS E
62573	LAB	*A	8	MTUWTH	STADIUM CTS W
62581	LAB	*B	9	MTUWTH	STADIUM CTS W
62598	LAB	*J	4	MTUWTH	STADIUM CTS W

P E M 138 TENNIS, II.
PREREQUISITE: P. E. M. 137 AND/OR CONSENT OF INSTRUCTOR.
1 HOUR.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

62609	LAB	EE	12-2	M W	GREGORY DRIVE CT
62616	LAB	FF	1-3	M W	H G COURTS
62623	LAB	QQ	1-3	TU TH	H G COURTS

P E M 139 TECHNIQUES IN ANGLING.
SAME AS P. E. W. 139.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THIS CLASS MEETS FIRST EIGHT WEEKS OF SEMESTER.

62631	LAB	QQ	1-3	TU TH	155 I M P E

P E M 142 BALLROOM DANCE.
1 HOUR.
*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA RESIDENCE HALLS.

62648	LAB	D	11	M W	130	I M P E
62655	LAB	E	12	M W	130	I M P E
62670	LAB	*H1	3	M W	6	OGLESBY
62687	LAB	*J	4	M W	6	OGLESBY
62694	LAB	*K	5	M W	6	OGLESBY
62705	LAB	*X	730PM	M W	6	OGLESBY
62662	LAB	Q	1	TU TH	130	I M P E
62712	LAB	*S	3	TU TH	6	OGLESBY
62720	LAB	*T	4	TU TH	6	OGLESBY
62737	LAB	*U	5	TU TH	6	OGLESBY

P E M 143 BALLROOM DANCE, II.
SAME AS P. E. W. 143.
PREREQUISITE: P. E. W. OR P. E. M. 142 OR CONSENT OF INSTRUCTOR.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

62744	LAB	K	630-715PM	M W	6	OGLESBY
62751	LAB	L	830-915PM	M W	6	OGLESBY
62769	LAB	S	2-245	TU TH	130	I M P E

P E M 144 AMERICAN SQUARE DANCING.
1 HOUR.
MEETS WITH P. E. W. 144.

62776	LAB	G	2	M W	130	I M P E
62783	LAB	P	12	TU TH	130	I M P E

P E M 145 INTERNATIONAL FOLK DANCE.
SAME AS P. E. W. 145.
1 HOUR.

62791	LAB	F	1-145	M W	130	I M P E
62801	LAB	P	11-1145	TU TH	130	I M P E

P E M 146 FIGURE SKATING, I.
SAME AS P. E. W. 146.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
ALL SECTIONS ARE COEDUCATIONAL. THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE LAST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN MONDAY, NOV. 1, 1971.

62819	LAB	A	810-855	MTUWTHF	120S	ICE RINK
62826	LAB	B	910-955	MTUWTH	120S	ICE RINK
62833	LAB	C	1010-1055	MTUWTHF	120S	ICE RINK
62841	LAB	F	110-155	MTUWTHF	120S	ICE RINK
62858	LAB	FF	110-155	MTUWTHF	120N	ICE RINK
62865	LAB	G	210-255	MTUWTHF	120S	ICE RINK
62872	LAB	GG	210-255	MTUWTHF	120N	ICE RINK

P E M 147 FIGURE SKATING, II.
SAME AS P. E. W. 147.
PREREQUISITE: P. E. M. OR P. E. W. 146, OR CONSENT OF INSTRUCTOR.
1 HOUR.
ALL SECTIONS ARE COEDUCATIONAL. THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE LAST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN MONDAY, NOV. 1, 1971.

62880	LAB	A	810-855	MTUWTHF	120N	ICE RINK
62897	LAB	B	910-955	MTUWTHF	120N	ICE RINK
62908	LAB	C	1010-1055	MTUWTHF	120N	ICE RINK
62915	LAB	D	1110-1155	MTUWTHF	120S	ICE RINK
62922	LAB	E	1210-1255	MTUWTHF	120S	ICE RINK

P E M 148 FIGURE SKATING, III.
SAME AS P. E. W. 148.
PREREQUISITE: P. E. M. OR P. E. W. 147, OR CONSENT OF INSTRUCTOR.
1 HOUR.
ALL SECTIONS ARE COEDUCATIONAL. THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE LAST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN MONDAY, NOV. 1, 1971.

62930	LAB	D	1110-1155	MTUWTHF	120N	ICE RINK
62947	LAB	E	1210-1255	MTUWTHF	120N	ICE RINK

P E M 149 BASIC MOVEMENT.
PREREQUISITE: MUSIC MAJOR.
1 HOUR.

62954	LAB	T	4-515	TU TH	310 FREER GYM

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN

DEPARTMENT OFFICE 119 H G

COURSES FOR UNDERGRADUATES

P E M 150 INTRODUCTION TO PHYSICAL EDUCATION.
2 HOURS.

62961	LECT-DISC	C1	10	M W	207 H G
		C1	10	F	209 H G
62979	LECT-DISC	C2	10	M W F	209 H G
62986	LECT-DISC	C3	10	M W	211 H G
		C3	10	F	209 H G

P E M 151 BEGINNING BASKETBALL.
2 HOURS.
SECTION AA1 MEETS SECOND HALF OF SEMESTER. INSTRUCTION BEGINS MONDAY, NOV. 1, 1971. SECTION E MEETS ALL SEMESTER.

62993	LAB-DISC	AA1	8-10	MTUWTHF	209 H G
63006	LAB-DISC	E	1	M W F	100 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY ARRANGEMENT.

P E M 152 BEGINNING FOOTBALL.
2 HOURS.
FIRST HALF OF SEMESTER.

63013	LAB-DISC	AA1	8-10	MTUWTHF	209 H G
63021	LAB-DISC	AA2	8-10	MTUWTHF	209 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS BY ARRANGEMENT.

P E M 153 FITNESS PROGRAMS.
PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 154.
2 HOURS.

63038	LAB-DISC	E1	1	MTUWTHF	209 H G
63045	LAB-DISC	E2	1	MTUWTHF	209 H G

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT.

P E M 154 SWIMMING.
PREREQUISITE: CONCURRENT REGISTRATION IN P. E. M. 153, EXCEPT FOR RECREATION MAJORS.
2 HOURS.
NON-SWIMMERS SHOULD SIGN UP FOR P. E. M. 107.

63052	LAB-DISC	F1	2	MTUWTHF	112 H G POOL
63060	LAB-DISC	F2	2	MTUWTHF	112 H G POOL

NOTE: FIRST CLASS MEETING FOR BOTH SECTIONS WILL BE IN HUFF GYM POOL.

P E M 155 GYMNASTICS.
1 HOUR.
SECOND HALF OF SEMESTER.
INSTRUCTION BEGINS MONDAY, NOV. 1, 1971.

63077	LAB-DISC	AA1	8	MTUWTHF	312 SE M C G
63084	LAB-DISC	AA2	8	MTUWTHF	312 SE M C G

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG BY ARRANGEMENT.

P E M 156 WRESTLING.
1 HOUR.
SECOND HALF OF SEMESTER.
INSTRUCTION BEGINS MONDAY, NOV. 1, 1971.

63091	LAB-DISC	BB1	9	MTUWTHF	115 MOG ANNEX
63102	LAB-DISC	BB2	9	MTUWTHF	115 MOG ANNEX

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY ARRANGEMENT.

P E M 157 TRACK AND FIELD.
1 HOUR.
LECTURE ON FRIDAYS, ALTERNATING WITH PEM 158.
FIRST HALF OF SEMESTER.

63110	LAB-DISC	LL1	8-10	TU THF	WEST STADIUM
63127	LAB-DISC	LL2	8-10	TU THF	WEST STADIUM

NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETING ON STADIUM TRACK BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL STADIUM.

P E M 158 BASEBALL.
1 HOUR.
LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157.
FIRST HALF OF SEMESTER.

63134	LAB-DISC	AA1	8-10	M W F	202 M O G
63141	LAB-DISC	AA2	8-10	M W F	202 M O G

NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON THE BASEBALL DIAMOND BY ARRANGEMENT.

P E M 161 SPECIAL SPORTS (SOCCER AND VOLLEYBALL).
1 HOUR.
NOTE: VOLLEYBALL WILL BEGIN ON MONDAY, NOV. 1, 1971, IN ROOM 190 IMPE BUILDING.

63159	LAB-DISC	N	10-12	TU TH	FLD A H G

P E M 162 SPECIAL SPORTS (TENNIS AND SQUASH).
1 HOUR.
NOTE: SQUASH WILL BEGIN ON MONDAY, NOV. 1, 1971, IN SQUASH COURTS, IMPE BUILDING.

63166	LAB-DISC	P	1-3	TU TH	STADIUM COURTS W

P E M 163 SPECIAL SPORTS (LACROSSE AND HANDBALL).
1 HOUR.
NOTE: HANDBALL WILL BEGIN ON MONDAY, NOV. 1, 1971, IN HANDBALL COURTS, IMPE BUILDING.

63173	LAB-DISC	A	8	M W F	FLD B H G

P E M 166 ELEMENTARY SCHOOL GAMES.
3 HOURS.
*ONE ADDITIONAL HOUR PER WEEK CONFERENCE TO BE ARRANGED.
MEETS WITH P. E. W. 166.

63181	LECT-DISC	N	*9-11	TU TH	11 FREER GYM
63198	LECT-DISC	Y	*10-12	W F	11 FREER GYM
63209	LECT-DISC	E	*1-3	M W	207A H G

P E M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

63216	LECT-DISC		11	TU TH	209 H G

COURSES FOR ADVANCED UNDERGRADUATES

P E M 204 ADMINISTRATION OF PHYSICAL EDUCATION.
PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION.
3 HOURS.
THIS COURSE WILL NOT MEET DURING THE SIX WEEKS STUDENT TEACHING PERIOD.

63223	LECT-DISC	D	11	MTUWTHF	207 H G

P E M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND RECREATION.
3 HOURS.
*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.
THIS COURSE WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

63231	LECT-DISC	C	*10	MTUWTHF	300 H G

P E M 206 KINESIOLOGY.
SAME AS P. E. W. 206.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.

63248	LECT-DISC	A	8-10	M W	207 H G
63255	LECT-DISC	F	1-3	M W	130 FREER GYM
63262	LECT-DISC	R	1-3	TU TH	130 FREER GYM

P E M 207 PREVENTION AND CARE OF ATHLETIC INJURIES.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.

63270	LECT	M	9	TU TH	207A	H G
	LAB	M	11-1	TU	207A	H G

P E M 208 THEORY OF PRESCRIBING EXERCISE.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.
*THREE ADDITIONAL HOURS TO BE ARRANGED.

63287	LAB-DISC	L	*8	TU TH	202	M O G

P E M 209 HISTORY OF SPORT.
SAME AS P. E. W. 209.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTIONS D1 AND R1 RECOMMENDED FOR NON-MAJORS.

63294	LECT-DISC	D	11	M W F	153	ARMORY
63312	LECT-DISC	*D1	11	M W F	209	H G
63305	LECT-DISC	R	1	TU TH	207B	FREEP GYM
		R	2	TH	207B	FREER GYM
63320	LECT-DISC	*R1	1	TU TH	243	ARMORY
		*R1	2	TH	243	ARMORY

P E M 215 ADVANCED GYMNASTICS.
PREREQUISITE: P. E. M. 155, OR CONSENT OF INSTRUCTOR.
2 HOURS.
*AN ADDITIONAL 2 HOURS OF LABORATORY WORK PER WEEK TO BE ARRANGED.

63337	LAB-DISC		*11	TU TH	312	M O G

P E M 216 ADVANCED WRESTLING.
PREREQUISITE: P. E. M. 156 OR CONSENT OF INSTRUCTOR.
2 HOURS.
*AN ADDITIONAL 2 HOURS OF LABORATORY WORK PER WEEK IN 115 MOG ANNEX

63344	LAB-DISC	F	*2	M W F	202	M O G

P E M 217 THEORY OF COACHING.
PREREQUISITE: P. E. M. 213 AND 214, OR CONSENT OF INSTRUCTOR.
2 HOURS.

63351	LECT-DISC	D	11	M W	207A	H G

P E M 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION STUDENT.
2 HOURS.
MEETS WITH P. E. W. 220.

63369	LECT-DISC	F1	1	M W F	11	E B
63376	LECT-DISC	F2	1	M W F	26	E B
63383	LECT-DISC	G1	2	M W F	11	E B
63391	LECT-DISC	G2	2	M W F	26	E B

P E M 225 SUPERVISED EXPERIENCE IN PHYSICAL EDUCATION.
PREREQUISITE: JUNIOR STANDING.
*MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED.
*1 OR 2 HOURS.
NOTE: FIRST CLASS MEETING WILL BE MONDAY, NOV. 2, 1971, AT 6:45 P.M. IN 209 HUFF GYM.

63401	LAB-DISC		ARR			

P E M 235 SQUARE AND BALLROOM DANCE.
2 HOURS.
MEETS WITH P. E. W. 235.

63419	LAB-DISC	R	1-3	TU TH	6	OGLESBY

P E M 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

63426	CONF		ARR			

P E M 260 HONORS SEMINAR.
SAME AS H. ED. P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

63433	LECT-DISC	&X1	7-9PM	W	210	FREER GYM
63441	LECT-DISC	&X2	7-9PM	W	15	E B

P E M 271 ADMINISTRATION OF HIGH SCHOOL SPORT PROGRAMS.
3 HOURS.

63458	LECT-DISC	C	10	M W F	207A	H G

PHYSICAL EDUCATION

DEPARTMENT OFFICE 121 HUFF GYM

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

P E 303 INTERNATIONAL PHYSICAL EDUCATION AND SPORT.
PREREQUISITE: P. E. W. OR P. E. M. 209, OR CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 1 UNIT.

63465	LECT-DISC		7-9PM	M	207A	H G	JOHNSON

P E 305 PRINCIPLES OF ERGONOMICS.
SAME AS I. E. AND PHYSL. 305.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

63472	LECT	2	MTUWTH	253	M E B	HERTIG AND OTHERS

P E 307 MOTOR LEARNING.
PREREQUISITE: P. E. M. OR P. E. W. 206, PHYSL. 234, PSYCH. 100, EDPSY. 211, OR EQUIVALENTS OF THESE COURSES, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

63480	LECT	1-3	M	300	H G	SOUDER
	LAB	1-3	W	300	H G	SOUDER

P E 349 ANALYSIS OF SMALL GROUPS IN PLAY AND SPORT.
SAME AS REC. 349.
PREREQUISITE: PSYCH. 100 OR 201 OR SOC. 100 OR 201, OR CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

63497	LECT-DISC	10-1130	M W	130	FREER GYM	MARTENS

P E 350 THEORY AND PRACTICE OF EXERCISE THERAPY.
PREREQUISITE: ANATOMY, PHYSIOLOGY, PHYSIOLOGY OF EXERCISE AND KINESIOLOGY, OR CONSENT OF INSTRUCTOR.
4 HOURS, OR 1/2 OR 1 UNIT.
*THREE ADDITIONAL HOURS PER WEEK IN EXERCISE THERAPY CLINIC.

63508	LECT-DISC	*11	TU TH	202	M O G	SHELTON

P E 394 SPECIAL TOPICS IN PHYSICAL EDUCATION.
PREREQUISITE: TO BE DETERMINED FOR EACH SUBJECT AND WILL BE INDICATED IN THE TIME TABLE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

63515	LECT-DISC	8-10	M W	154	ARMORY	RAZOR

COURSES FOR GRADUATES

P E 402 HISTORY OF PHYSICAL EDUCATION AND SPORT.
PREREQUISITE: P. E. M. OR P. E. W. 209 OR EQUIVALENT.
1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED (THURSDAY EVENING.)

63522	LECT-DISC	*830-11	TU	154	ARMORY	ZEIGLER

P E 451 SCIENTIFIC FOUNDATIONS OF PHYSICAL FITNESS.
PREREQUISITE: UNDERGRADUATE ANATOMY AND PHYSIOLOGY, TESTS AND MEASUREMENTS.
1 UNIT.
*TWO ADDITIONAL HOURS TO BE ARRANGED.

63530	LECT-DISC	*330-530	TU	211	H G	MASSEY
	LAB	*145-330	TU	302	H G	MASSEY

P E 473 ERGONOMICS SEMINAR.
SAME AS I. E. AND PHYSL. 473.
PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

63547	DISC	3-5	TH	136	BUR HALL	HERTIG

P E 490 SEMINAR.

63554	LECT-DISC	3-5	W	209	H G	STAFF

P E 493 INDEPENDENT STUDY.
1/2 OR 1 UNIT.

63561	CONF	ARR	STAFF

P E 495 TECHNIQUES OF RESEARCH IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.
1 UNIT.
STUDENTS MUST REGISTER FOR LECTURE-DISCUSSION AND ONE LAB.

63579	LECT-DISC		4-6	TH	209	H G	HUBBARD
63586	LAB	A	7-9PM	TU	211	H G	HUBBARD
63593	LAB	B	7-9PM	W	211	H G	HUBBARD

P E 499 THESIS RESEARCH.
0 TO 4 UNITS.

63604	CONF	ARR	STAFF

PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE 117 FREER GYM

BASIC INSTRUCTION COURSES

COURSES FOR UNDERGRADUATES

FRESHMEN AND SOPHOMORES: OF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF BASIC MOVEMENT (PEW 100) AND RECOMMENDS ONE SEMESTER OF SWIMMING (PEW 110 OR 111). ANY COURSE NOT PREVIOUSLY TAKEN MAY BE TAKEN IN THE TWO REMAINING SEMESTERS.

NOTE: SEVERAL PEW BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES IN ORDER TO FACILITATE REGISTRATION OF ADVANCE ENROLLEES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEW 104, 105, 140
SEQUENCE 2 - PEW 142, 144, 145
SEQUENCE 3 - PEW 120, 122, 125, 126, 127
SEQUENCE 4 - PEW 107, 129, 130, 136

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

CREDIT(S) MAY BE EARNED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WOMEN ENROLLING IN PEM 119 OR 138 SHALL BE GRANTED CREDIT.

P E W 100 BASIC MOVEMENT.
1 HOUR.
*SECTION U MEETS WITH PEM 149--OPEN ONLY TO VOICE AND THEATRE MAJORS.

63611	LAB	C	1010-1055	M W	26	E B
63629	LAB	D	1110-1155	M W	26	E B
63636	LAB	S	210-255	TU TH	26	E B
63651	LAB	*U	410-455	TU TH	310	FREER
63643	LAB	T	310-355	TU TH	26	E B

P E W 101 PRESCRIBED EXERCISE.
PREREQUISITE: RECOMMENDATION FROM HEALTH SERVICE OR DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN IS NECESSARY FOR REGISTRATION.
1 HOUR.
*SECTION I IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

63690	LAB	*I	410-455	M W	116	E B POOL
63668	LAB	X	ARR		REHAB	CENTER
63675	LAB	G	210-255	M W	G 40B	I M P E
63682	LAB	N	910-955	TU TH	G 40B	I M P E

P E W 102 MODIFIED ACTIVITIES.
PREREQUISITE: RECOMMENDATION FROM DEPARTMENT OR HEALTH SERVICE.
1 HOUR.

63701	LAB	E	1210-1255	M W	G 40B	I M P E

P E W 103 CONDITIONING AND FIGURE CONTROL.
1 HOUR.

63718	LAB	B	910-955	M W	215	FREER GYM
63725	LAB	C	1010-1055	M W	215	FREER GYM
63732	LAB	F	110-155	M W	215	FREER GYM
63740	LAB	H	310-355	M W	215	FREER GYM
63757	LAB	I	410-455	M W	215	FREER GYM
63764	LAB	M	810-855	TU TH	G 40B	I M P E
63771	LAB	N	910-955	TU TH	215	FREER GYM
63789	LAB	O	1010-1055	TU TH	G 40B	I M P E
63796	LAB	Q	1210-1255	TU TH	215	FREER GYM
63807	LAB	R	110-155	TU TH	215	FREER GYM
63814	LAB	S	210-255	TU TH	215	FREER GYM
63821	LAB	T	310-355	TU TH	215	FREER GYM
63839	LAB	U	410-455	TU TH	215	FREER GYM

P E W 104 TUMBLING AND TRAMPOLINING.
1 HOUR.
*SECTION G MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

63853	LAB	*G	210-255	MTUWTH	311	FREER GYM
63846	LAB	Q	1210-1255	TU TH	311	FREER GYM

P E W 105 MODERN GYMNASTICS, I.
1 HOUR.
*SECTION F MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

63861	LAB	B	910-955	M W	311	FREER GYM
63892	LAB	*F	110-155	MTUWTH	311	FREER GYM
63878	LAB	M	810-855	TU TH	311	FREER GYM
63885	LAB	N	910-955	TU TH	311	FREER GYM

P E W 106 MODERN GYMNASTICS, II.
PREREQUISITE: P. E. W. 105 OR CONSENT OF INSTRUCTOR.
1 HOUR.

63903	LAB	A	810-855	M W	311	FREER GYM
63911	LAB	U	410-455	TU TH	311	FREER GYM

P E W 107 FENCING.
1 HOUR.

63928	LAB	A	810-855	M W	11	FREER GYM
63935	LAB	B	910-955	M W	11	FREER GYM
63942	LAB	F	110-155	M W	11	FREER GYM
63950	LAB	G	210-255	M W	11	FREER GYM
63967	LAB	H	310-355	M W	11	FREER GYM
63974	LAB	M	810-855	TU TH	11	FREER GYM
63981	LAB	P	1110-1155	TU TH	11	FREER GYM
63999	LAB	S	210-255	TU TH	11	FREER GYM
64001	LAB	T	310-355	TU TH	11	FREER GYM
64019	LAB	U	410-455	TU TH	11	FREER GYM

P E W 109 PERSONAL DEFENSE.
1 HOUR.

64026	LAB	A	810-855	M W	10	FREER GYM
64033	LAB	C	1010-1055	M W	G 26	I M P E
64041	LAB	D	1110-1155	M W	G 26	I M P E
64058	LAB	DD	1110-1155	M W	215	FREER GYM
64065	LAB	E	1210-1255	M W	G 26	I M P E
64072	LAB	EE	1210-1255	M W	215	FREER GYM
64080	LAB	G	210-255	M W	215	FREER GYM
64097	LAB	M	810-855	TU TH	10	FREER GYM
64108	LAB	O	1010-1055	TU TH	215	FREER GYM
64115	LAB	P	1110-1155	TU TH	G 26	I M P E
64122	LAB	Q	1210-1255	TU TH	G 26	I M P E
64130	LAB	R	110-155	TU TH	G 26	I M P E
64147	LAB	S	210-255	TU TH	G 26	I M P E
64154	LAB	V	510-555	TU TH	311	FREER GYM

P E W 110 ELEMENTARY SWIMMING.
1 HOUR.
*SECTIONS B, C, E, H, AND I MEET FIRST EIGHT WEEKS.
*SECTIONS A AND HH MEET SECOND EIGHT WEEKS.

64161	LAB	*B	910-955	MTUWTH	191	FREER POOL
64179	LAB	*C	1010-1055	MTUWTH	191	FREER POOL
64186	LAB	*E	1210-1255	MTUWTH	191	FREER POOL
64193	LAB	*H	310-355	MTUWTH	116	E B POOL
64204	LAB	*I	410-455	MTUWTH	191	FREER POOL
64211	LAB	*A	810-855	MTUWTH	191	FREER POOL
64229	LAB	*HH	310-355	MTUWTH	116	E B POOL

P E W 111 SUB-INTERMEDIATE SWIMMING.
1 HOUR.
*SECTIONS B, C, AND E MEET SECOND EIGHT WEEKS.

64251	LAB	*B	910-955	MTUWTH	191	FREER POOL
64268	LAB	*C	1010-1055	MTUWTH	191	FREER POOL
64236	LAB	D	1110-1155	M W	191	FREER POOL
64275	LAB	*E	1210-1255	MTUWTH	191	FREER POOL
64243	LAB	T	310-355	TU TH	191	FREER POOL

P E W 112 INTERMEDIATE SWIMMING.
1 HOUR.
*SECTION I MEETS SECOND EIGHT WEEKS.

64282	LAB	H	310-355	M W	191	FREER POOL
64290	LAB	R	110-155	TU TH	191	FREER POOL
64301	LAB	*I	410-455	MTUWTH	191	FREER POOL

P E W 114 LIFE SAVING.
PREREQUISITE: P. E. W. 112 OR EQUIVALENT.
1 HOUR.
*SECTIONS C, F, R, AND N MEET FIRST EIGHT WEEKS.
*SECTIONS A AND O MEET SECOND EIGHT WEEKS.

64340	LAB	*C	1010-1140	M W	NATATORIUM	IMPE
64357	LAB	*F	110-240	M W	NATATORIUM	IMPE
64364	LAB	*R	110-240	TU TH	NATATORIUM	IMPE
64371	LAB	*N	910-1040	TU TH	NATATORIUM	IMPE
64389	LAB	*A	810-940	M W	NATATORIUM	IMPE
64396	LAB	*O	1010-1140	TU TH	NATATORIUM	IMPE
64325	LAB	OO	1010-1040	TU TH	NATATORIUM	IMPE
64332	LAB	P	1110-1140	TU TH	NATATORIUM	IMPE
64318	LAB	Q	1210-1240	TU TH	NATATORIUM	IMPE

P E W 115 SYNCHRONIZED SWIMMING.
PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
1 HOUR.

64407	LAB	F	110-155	M W	191	FREER POOL
64414	LAB	S	210-255	TU TH	191	FREER POOL

P E W 116 DIVING.
PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
1 HOUR.
*SECTIONS O AND P ARE CO-ED.

64439	LAB	*O	1010-1055	TU TH	NATATORIUM	IMPE
64446	LAB	*P	1110-1155	TU TH	NATATORIUM	IMPE
64421	LAB	S	210-255	TU TH	NATATORIUM	IMPE

P E W 117 WATER SAFETY.
PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR AND A CURRENT AMERICAN RED CROSS SENIOR LIFE SAVING AUTHORIZATION CARD.
1 HOUR.
*SECTIONS C AND F ARE CO-ED.
ALL SECTIONS MEET SECOND EIGHT WEEKS.

64478	LAB	*C	1010-1140	M W	NATATORIUM	IMPE
64485	LAB	*F	110-240	M W	NATATORIUM	IMPE
64453	LAB	R	110-240	TU TH	NATATORIUM	IMPE
64461	LAB	M	810-940	TU TH	NATATORIUM	IMPE

P E W 118 COMPETITIVE SWIMMING.
PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
1 HOUR.

64492	LAB	G	210-255	M W	191	FREER POOL

P E W 120 BASKETBALL.
1 HOUR.

64503	LAB	A	8-845	M W	26	E B
64511	LAB	B	910-955	M W	26	E B
64528	LAB	H	310-355	M W	26	E B
64535	LAB	I	410-455	M W	26	E B
64542	LAB	M	8-845	TU TH	26	E B
64550	LAB	N	910-955	TU TH	26	E B
64567	LAB	U	410-455	TU TH	26	E B

P E W 122 VOLLEYBALL.
1 HOUR.
SECTIONS DD, F, GG, N, O, AND P MEET WITH PEM 122.

64574	LAB	A	810-855	M W	155	I M P E
64581	LAB	C	1010-1055	M W	105	I M P E
64599	LAB	D	1110-1155	M W	105	I M P E
64706	LAB	*DD	1110-1155	M W	190	I M P E
64713	LAB	*F	110-155	M W	190	I M P E
64600	LAB	G	210-255	M W	105	I M P E
64721	LAB	*GG	210-255	M W	190	I M P E
64617	LAB	H	310-355	M W	310	FREER GYM
64624	LAB	I	410-455	M W	310	FREER GYM
64631	LAB	J	510-555	M W	310	FREER GYM
64649	LAB	L	810-855PM	M W	310	FREER GYM
64656	LAB	M	810-855	TU TH	155	I M P E
64738	LAB	*N	910-955	TU TH	155	I M P E
64745	LAB	*O	1010-1055	TU TH	155	I M P E
64752	LAB	*P	1110-1155	TU TH	155	I M P E
64663	LAB	Q	1210-1255	TU TH	310	FREER GYM
64671	LAB	T	310-355	TU TH	310	FREER GYM
64688	LAB	V	510-555	TU TH	310	FREER GYM
64695	LAB	Y	810-855PM	TU TH	310	FREER GYM

P E W 125 FIELD HOCKEY.
1 HOUR.
MEETS FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

64760	LAB	C	1010-1055	MTUWTH	HOCKEY FLD	FREER

P E W 127 SPEEDBALL.
1 HOUR.
MEETS FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

64777	LAB	B	910-955	MTUWTH	SPDBLL FLD	FREER

P E W 129 ARCHERY.

1 HOUR.

MEETS FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

*SECTIONS D AND E MEET WITH PEM 129.

64784	LAB	A	810-855	MTUWTH	ARCHERY RANGE
64834	LAB	*D	1110-1155	MTUWTH	ARCHERY RANGE
64841	LAB	*E	1210-1255	MTUWTH	ARCHERY RANGE
64791	LAB	R	110-155	MTUWTH	ARCHERY RANGE
64802	LAB	S	210-255	MTUWTH	ARCHERY RANGE
64810	LAB	H	310-355	MTUWTH	ARCHERY RANGE
64827	LAB	I	410-455	MTUWTH	ARCHERY RANGE

P E W 130 BADMINTON.

1 HOUR.

*SECTIONS BB, C, RR, AND SS ARE CO-ED.

64859	LAB	A	810-855	M W	105	I M P E
64866	LAB	B	910-955	M W	105	I M P E
64970	LAB	*BB	910-955	M W	155	I M P E
64987	LAB	*C	1010-1055	M W	155	I M P E
64873	LAB	D	1110-1155	M W	155	I M P E
64881	LAB	E	1210-1255	M W	105	I M P E
64898	LAB	F	110-155	M W	105	I M P E
64909	LAB	M	810-855	TU TH	105	I M P E
64916	LAB	N	910-955	TU TH	105	I M P E
64923	LAB	O	1010-1055	TU TH	105	I M P E
64931	LAB	P	1110-1155	TU TH	105	I M P E
64948	LAB	Q	1210-1255	TU TH	105	I M P E
64955	LAB	R	110-155	TU TH	105	I M P E
64962	LAB	S	210-255	TU TH	105	I M P E
64994	LAB	*RR	110-155	TU TH	190	I M P E
65007	LAB	*SS	210-255	TU TH	190	I M P E

P E W 132 BOWLING.

1 HOUR.

ALLEY SERVICE CHARGE, $7.50.

*SECTIONS C, CC, D, DD, F, O, OO, P, PP, R MEET WITH PEM 132.

65014	LAB	A	8-845	M W	60	I U ALLEYS
65021	LAB	B	9-945	M W	60	I U ALLEYS
65061	LAB	*C	10-1045	M W	60	I U ALLEYS
65078	LAB	*CC	10-1045	M W	60	I U ALLEYS
65085	LAB	*D	11-1145	M W	60	I U ALLEYS
65092	LAB	*DD	11-1145	M W	60	I U ALLEYS
65103	LAB	*F	1-145	M W	60	I U ALLEYS
65039	LAB	G	2-245	M W	60	I U ALLEYS
65046	LAB	M	8-845	TU TH	60	I U ALLEYS
65053	LAB	N	9-945	TU TH	60	I U ALLEYS
65111	LAB	*O	10-1045	TU TH	60	I U ALLEYS
65128	LAB	*OO	10-1045	TU TH	60	I U ALLEYS
65135	LAB	*P	11-1145	TU TH	60	I U ALLEYS
65142	LAB	*PP	11-1145	TU TH	60	I U ALLEYS
65150	LAB	*R	1-145	TU TH	60	I U ALLEYS

P E W 134 GOLF, I.

1 HOUR.

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.

$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP

TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON

U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3

COURSE WILL BE AN ADDITIONAL $0.25.

ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

65167	LAB	F	110-240	M W	PAR3 RT 45 SOUTH
65174	LAB	FF	110-240	M W	PAR3 RT 45 SOUTH
65181	LAB	H	310-440	M W	PAR3 RT 45 SOUTH
65199	LAB	HH	310-440	M W	PAR3 RT 45 SOUTH
65200	LAB	P	1110-1240	TU TH	PAR3 RT 45 SOUTH
65217	LAB	PP	1110-1240	TU TH	PAR3 RT 45 SOUTH
65224	LAB	R	110-240	TU TH	PAR3 RT 45 SOUTH
65231	LAB	RR	110-240	TU TH	PAR3 RT 45 SOUTH
65249	LAB	T	310-440	TU TH	PAR3 RT 45 SOUTH
65256	LAB	TT	310-440	TU TH	PAR3 RT 45 SOUTH

P E W 135 GOLF, II.
SAME AS P. E. M. 135.
PREREQUISITE: P. E. W. OR P. E. M. 134 AND CONSENT OF INSTRUCTOR.
1 HOUR.
IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.
$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON
U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3
COURSE WILL BE AN ADDITIONAL $0.25.
ALL SECTIONS MEET THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

65263	LAB	MM	9-11	M W	PAR3 RT 45 SOUTH
65271	LAB	VV	11-1	M W	PAR3 RT 45 SOUTH

P E W 136 TRACK AND FIELD.
1 HOUR.
MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

65288	LAB	D	1110-1155	MTUWTH	ARMORY FLOOR

P E W 137 TENNIS, I.
1 HOUR.
MEETS FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.
*SECTIONS A, B, I MEET WITH PEM 137.

65391	LAB	*A	810-855	MTUWTH	STADIUM COURTS W
65402	LAB	*B	910-955	MTUWTH	STADIUM COURTS W
65295	LAB	C	1010-1055	MTUWTH	COURTS FREER GYM
65306	LAB	CC	1010-1055	MTUWTH	STADIUM CTS W
65313	LAB	D	1110-1155	MTUWTH	COURTS FREER GYM
65321	LAB	DD	1110-1155	MTUWTH	STADIUM CTS W
65338	LAB	E	1210-1255	MTUWTH	COURTS FREER GYM
65345	LAB	EE	1240-110	MTUWTHF	COURTS FREER GYM
65352	LAB	F	110-155	MTUWTH	COURTS FREER GYM
65360	LAB	G	210-255	MTUWTH	COURTS FREER GYM
65377	LAB	H	310-355	MTUWTH	STADIUM COURTS W
65410	LAB	*I	410-455	MTUWTH	STADIUM COURTS W
65384	LAB	II	410-455	MTUWTH	COURTS FREER GYM

P E W 138 ADVANCED TENNIS.
PREREQUISITE: P. E. W. 137 OR CONSENT OF INSTRUCTOR.
1 HOUR.
MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

65427	LAB	A	810-855	MTUWTH	COURTS FREER GYM
65434	LAB	B	910-955	MTUWTH	COURTS FREER GYM
65441	LAB	H	310-355	MTUWTH	COURTS FREER GYM

P E W 139 TECHNIQUES IN ANGLING.
SAME AS P. E. M. 139.
1 HOUR.
THIS CLASS MEETS THE FIRST EIGHT WEEKS ONLY, ENDING OCTOBER 30.

65459	LAB	QQ	1-3	TU TH	155	I M P E

P E W 140 MODERN DANCE, I.
1 HOUR.
SECTIONS A, F, O, Q, AND R MEET FIRST EIGHT WEEKS.
SECTION P MEETS SECOND EIGHT WEEKS.

65466	LAB	*A	810-940	M W	310	FREER GYM
65473	LAB	*F	110-240	M W	310	FREER GYM
65481	LAB	*O	1010-1140	TU TH	26	E B
65516	LAB	*P	1110-1240	TU TH	26	E B
65498	LAB	*Q	1210-140	TU TH	26	E B
65509	LAB	*R	110-240	TU TH	310	FREER GYM

P E W 142 BALLROOM DANCE, I.
1 HOUR.

65523	LAB	D	11-1145	M W	130	I M P E
65531	LAB	E	12-1245	M W	130	I M P E
65548	LAB	H	3-345	M W	6	OLGESBY
65555	LAB	I	4-445	M W	6	OLGESBY
65562	LAB	J	5-545	M W	6	OGLESBY
65570	LAB	KK	730-815PM	M W	6	OGLESBY
65587	LAB	R	1-145	TU TH	130	I M P E
65594	LAB	T	3-345	TU TH	6	OGLESBY
65605	LAB	U	4-445	TU TH	6	OGLESBY
65612	LAB	V	5-545	TU TH	6	OGLESBY

E W 143 BALLROOM DANCE, II.
SAME AS P. E. M. 143.
PREREQUISITE: P. E. W. OR P. E. M. 142 OR CONSENT OF INSTRUCTOR.
1 HOUR.

65620	LAB	K	630-715PM	M W	6	OGLESBY
65637	LAB	L	830-915PM	M W	6	OGLESBY
65644	LAB	S	2-245	TU TH	130	I M P E

P E W 144 AMERICAN SQUARE DANCE.
1 HOUR.
MEETS WITH PEM 144.

65651	LAB	G	2-245	M W	130	I M P E
65669	LAB	Q	12-1245	TU TH	130	I M P E

P E W 145 INTERNATIONAL FOLK DANCE.
SAME AS P. E. M. 145.
1 HOUR.

65676	LAB	F	1-145	M W	130	I M P E
65683	LAB	P	11-1145	TU TH	130	I M P E

P E W 146 FIGURE SKATING, I.
SAME AS P. E. M. 146.
1 HOUR.
MEETS FOR THE LAST EIGHT WEEKS ONLY BEGINNING NOV. 1, 1971.

65691	LAB	A	810-855	MTUWTHF	120S	ICE RINK
65701	LAB	B	910-955	MTUWTHF	120S	ICE RINK
65719	LAB	C	1010-1055	MTUWTHF	120S	ICE RINK
65726	LAB	F	110-155	MTUWTHF	120S	ICE RINK
65733	LAB	FF	110-155	MTUWTHF	120N	ICE RINK
65741	LAB	G	210-255	MTUWTHF	120S	ICE RINK
65758	LAB	GG	210-255	MTUWTHF	120N	ICE RINK

P E W 147 FIGURE SKATING, II.
SAME AS P. E. M. 147.
PREREQUISITE: P. E. W. OR P. E. M. 146 OR CONSENT OF INSTRUCTOR.
1 HOUR.
MEETS FOR THE LAST EIGHT WEEKS ONLY BEGINNING NOV. 1, 1971.

65765	LAB	A	810-855	MTUWTHF	120N	ICE RINK
65772	LAB	B	910-955	MTUWTHF	120N	ICE RINK
65780	LAB	C	1010-1055	MTUWTHF	120N	ICE RINK
65797	LAB	D	1110-1155	MTUWTHF	120S	ICE RINK
65808	LAB	E	1210-1255	MTUWTHF	120S	ICE RINK

P E W 148 FIGURE SKATING, III.
SAME AS P. E. M. 148.
PREREQUISITE: P. E. W. OR P. E. M. 147 OR CONSENT OF INSTRUCTOR.
1 HOUR.
MEETS FOR THE LAST EIGHT WEEKS ONLY BEGINNING NOV. 1, 1971.

65815	LAB	D	1110-1155	MTUWTHF	120N	ICE RINK
65822	LAB	E	1210-1255	MTUWTHF	120N	ICE RINK

P E W 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTIONS F AND P ARE INTERMEDIATE LEVEL OF CONDITIONING AND FIGURE CONTROL. PEW 103 OR CONSENT OF INSTRUCTOR REQUIRED.

65830	LAB	F	110-155	M W	G 40B	I M P E
65847	LAB	P	1110-1155	TU TH	G 40B	I M P E

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE 117 FREER GYM

COURSES FOR UNDERGRADUATES

P E W 150 PROFESSIONAL ORIENTATION.
2 HOURS.
*SECTION T5 IS FOR TRANSFER STUDENTS. REGISTER FOR LECT.-DISC. T5 ONLY.

65854	LECT	U	4	TH	135	A S L
65861	DISC	T1	3	TU TH	130	FREER GYM
65879	DISC	T2	3	TU TH	316S	M H
65886	DISC	T3	3	TU TH	320	M H
65904	DISC	&T4	3	TU TH	393	BEV HALL
65893	LECT-DISC	*T5	3	TU TH	207B	FREER GYM

P E W 151 BASIC MOVEMENT AND BODY MECHANICS.
1 HOUR.

65911	LAB	C1	10	M W F	310	FREER GYM
65929	LAB	C2	10	M W F	311	FREER GYM
65936	LAB	H	3	M W F	311	FREER GYM

P E W 152 HOCKEY AND VOLLEYBALL.
1 HOUR.

65943	LAB	D1	11-1210	MTUWTH	310	FREER GYM
65951	LAB	D2	11-1210	MTUWTH	311	FREER GYM

P E W 154 SOFTBALL AND GYMNASTICS AND APPARATUS I.
1 HOUR.

65968	LAB	F1	1-3	M W	311	FREER GYM
65975	LAB	F2	1-3	M W	310	FREER GYM
65982	LAB	R1	1-3	TU TH	311	FREER GYM
65990	LAB	R2	1-3	TU TH	310	FREER GYM

P E W 156 STUNTS, TUMBLING, AND TRAMPOLINE.
PREREQUISITE: CREDIT OR REGISTRATION IN P. E. W. 151.
1 HOUR.

66002	LAB	O1	10	TU TH	310	FREER GYM
		O1	11	F	310	FREER GYM
66010	LAB	O2	10	TU TH	311	FREER GYM
		O2	11	F	311	FREER GYM

P E W 157 MODERN DANCE.
1 HOUR.

66027	LAB	E	12-110	M W F	26	E B

P E W 165 TEACHING OF SWIMMING.
PREREQUISITE: SOPHOMORE STANDING, P. E. W. 112 AND 151.
2 HOURS.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

66034	LECT	O	*10	TU TH	130	FREER
	LAB	O	*11	TU TH	191	FREER POOL

P E W 166 ELEMENTARY SCHOOL GAMES.
PREREQUISITE: SOPHOMORE STANDING; CREDIT OR REGISTRATION IN PSYCH. 216 OR 217 OR EDPSY. 236.
3 HOURS.
*ONE ADDITIONAL HOUR CONFERENCE PER WEEK TO BE ARRANGED.
MEETS WITH P.E.M. 166.

66041	LECT-DISC	E	*1-3	M W	207A	H G
66059	LECT-DISC	N	*9-11	TU TH	11	FREER GYM
66066	LECT-DISC	Y	*10-12	W F	11	FREER GYM

P E W 167 TEACHING OF GYMNASTICS AND DANCE.
PREREQUISITE: JUNIOR STANDING, P. E. W. 154, 155, 157, AND 166.
2 HOURS.

66073	LAB-DISC	E1	12	M W F	310	FREER GYM
66081	LAB-DISC	E2	12	M W F	311	FREER GYM

P E W 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION I TOPIC: MOVEMENT NOTATION.

66098	LECT-DISC	I	4	M W	311	FREER GYM

COURSES FOR ADVANCED UNDERGRADUATES

P E W 204 ORGANIZATION OF PHYSICAL EDUCATION.
PREREQUISITE: CONCURRENT REGISTRATION IN ED. PR. 238, 242, AND 250.
3 HOURS.
WILL NOT MEET DURING THE TEN-WEEK STUDENT TEACHING PERIOD.

66109	LECT-DISC	B	9	MTUWTHF	15	D K H

P E W 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.
PREREQUISITE: JUNIOR STANDING. CONCURRENT REGISTRATION IN P. E. W. 213 AND 215.
3 HOURS.

66116	LECT-DISC	N	9	TU	1134	F L B
		N	10	TU TH	1134	F L B

P E W 206 KINESIOLOGY.
SAME AS P. E. M. 206.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.

66123	LECT-DISC	A	8-10	M W	207	H G
66131	LECT-DISC	F	1-3	M W	130	FREER GYM
66148	LECT-DISC	R	1-3	TU TH	130	FREER GYM

P E W 208 THEORY OF PRESCRIBING EXERCISE.
PREREQUISITE: P. E. W. 206.
3 HOURS.
TWO LAB HOURS TO BE ARRANGED FOR IN EXERCISE CLINIC, 3-5 M-W-F.

66155	LECT-DISC	P	*11	TU TH	215	FREER GYM

P E W 209 HISTORY OF SPORT.
SAME AS P. E. M. 209.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTIONS D1 AND R1 ARE RECOMMENDED FOR NON-MAJORS.

66162	LECT-DISC	D	11	M W F	153	ARMORY
66187	LECT-DISC	*D1	11	M W F	209	H G
66170	LECT-DISC	R	1	TU TH	207B	FREER GYM
		R	2	TH	207B	FREER GYM
66194	LECT-DISC	*R1	1	TU TH	243	ARMORY
		*R1	2	TH	243	ARMORY

P E W 213 TEACHING OF TEAM SPORTS.
PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 152, 153, 154, 166 AND P. E. W. 165 OR 214, OR CONSENT OF INSTRUCTOR. CONCURRENT REGISTRATION IN P. E. W. 205 AND 215.
4 HOURS.

66205	LECT-DISC	A	8-10	M W	130	FREER GYM
		A	9	TH	130	FREER GYM

P E W 214 TEACHING OF INDIVIDUAL SPORTS.
PREREQUISITE: JUNIOR STANDING; P. E. W. 151, 153, 155, 166 OR CONSENT OF INSTRUCTOR.
2 HOURS.

66212	LECT-DISC	M1	8	TU TH	310	FREER GYM
		M1	9	TU	130	FREER GYM

P E W 215 SUPERVISED EXPERIENCE AND TEACHING, II.
PREREQUISITE: JUNIOR STANDING; P. E. W. 216; CONCURRENT REGISTRATION IN P. E. W. 205 AND 213.

66220	LAB	M	8	TH	130	FREER GYM

P E W 216 SUPERVISED EXPERIENCE AND TEACHING, I.
PREREQUISITE: JUNIOR STANDING; P. E. W. 166; COMPLETION OF ONE ELECTED INDIVIDUAL SPORT.

*FOR STUDENTS ENROLLED IN P. E. W. 165 ONLY.

66237	LAB	N1	9	TH	207B	FREER GYM
66244	LAB	*N2	9	TH	11	E B

P E W 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR.
2 HOURS.
MEETS WITH P.E.M. 220.

66251	LECT-DISC	F1	1	M W F	11	E B
66269	LECT-DISC	F2	1	M W F	26	E B
66276	LECT-DISC	G1	2	M W F	11	E B
66283	LECT-DISC	G2	2	M W F	26	E B

P E W 222 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: P. E. W. 154 AND 166; DANCE 235; 48 OR MORE HOURS OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.
2 HOURS.

66291	LECT-DISC	F	1	M W F	316N	M H

P E W 235 SQUARE AND BALLROOM DANCE.
2 HOURS.
MEETS WITH P. E. M. 235.

66301	LAB	R	1-3	TU TH	6	OGLESBY

P E W 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT.
*2 OR 3 HOURS.

66319	CONF	ARR	

P E W 260 HONORS SEMINAR.
SAME AS H. ED., P. E. M., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

66326	LECT-DISC	&X1	7-9PM	W	210	FREER GYM
66333	LECT-DISC	&X2	7-9PM	W	15	E B

DEPARTMENT OFFICE 211 P B

ENGINEERING PHYSICS CURRICULUM--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S.CURRICULUM IN PHYSICS--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. SCIENCES AND LETTERS CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. SCIENCES AND LETTERS CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, CHEMISTRY, EDUCATION, GEOLOGY, MATHEMATICS, ZOOLOGY OR ANY ONE BRANCH OF ENGINEERING.

PHYSICS 101 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEERING.

THE CALCULUS PREREQUISITE FOR CERTAIN COURSES MAY BE SATISFIED EITHER BY MATH. 130 AND 140, OR MATH. 131 AND 141.

COURSES FOR UNDERGRADUATES

PHYCS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: TRIGONOMETRY.
5 HOURS.

66341	LECT	A	10	TU TH	141	P B		SUTTON
66358	LECT	B	1	TU TH	141	P B		SUTTON
66365	LAB	A1	8-11	M	132	P B		
	QUIZ	A1	8-10	W	139	P B		
66372	LAB	A2	9-12	M	164	P B		
	QUIZ	A2	10-12	W	147	P B		
66380	LAB	B1	12-3	M	132	P B		
	QUIZ	B1	1-3	W	143	P B		
66397	LAB	B2	12-3	M	164	P B		
	QUIZ	B2	1-3	W	319	CER		
66408	LAB	C1	3-6	M	132	P B		
	QUIZ	C1	3-5	W	147	P B		
66415	LAB	C2	3-6	M	164	P B		
	QUIZ	C2	3-5	W	139	P B		
66422	LAB	D1	9-12	TU	132	P B		
	QUIZ	D1	10-12	TH	132	P B		
66430	LAB	E1	12-3	TU	132	P B		
	QUIZ	E1	1-3	TH	143	P B		
66447	LAB	E2	12-3	TU	164	P B		
	QUIZ	E2	1-3	TH	319	CER		
66454	LAB	F1	3-6	TU	132	P B		
	QUIZ	F1	3-5	TH	143	P B		
66461	LAB	F2	3-6	TU	164	P B		
	QUIZ	F2	3-5	TH	137	P B		
66479	LAB	G1	8-11	W	132	P B		
	QUIZ	G1	8-10	M	137	P B		
66486	LAB	G2	9-12	W	164	P B		
	QUIZ	G2	10-12	M	143	P B		
66493	LAB	H1	12-3	W	132	P B		
	QUIZ	H1	1-3	M	143	P B		
66504	LAB	H2	12-3	W	164	P B		
	QUIZ	H2	1-3	M	319	CER		
66511	LAB	I1	3-6	W	132	P B		
	QUIZ	I1	3-5	M	147	P B		
66529	LAB	I2	3-6	W	164	P B		
	QUIZ	I2	3-5	M	143	P B		
66536	LAB	K1	12-3	TH	132	P B		
	QUIZ	K1	1-3	TU	143	P B		
66543	LAB	K2	12-3	TH	164	P B		
	QUIZ	K2	1-3	TU	319	CER		
66551	LAB	L1	3-6	TH	132	P B		
	QUIZ	L1	3-5	TU	143	P B		

PHYCS 101 CONTINUED

66568	LAB	L2	3-6		TH	164	P B	
	QUIZ	L2	3-5	TU		137	P B	
66575	LAB	N1	12-3		F	132	P B	
	QUIZ	N1	1-3	W		420	P B	
66582	LAB	N2	12-3		F	164	P B	
	QUIZ	N2	1-3	W		236	P B	

PHYCS 102 GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: PHYCS. 101.
5 HOURS.

66590	LECT		2	TU TH		151	P B	SATTERTHWAITE
66601	LAB	A	9-12	M		32	P B	
	QUIZ	A	10-12		W	32	P B	
66618	LAB	B	12-3	M		32	P B	
	QUIZ	B	1-3		W	32	P B	
66625	LAB	C	3-6	M		32	P B	
	QUIZ	C	3-5		W	32	P B	
66632	LAB	D	9-12	TU		32	P B	
	QUIZ	D	10-12		TH	32	P B	
66640	LAB	F	3-6	TU		32	P B	
	QUIZ	F	3-5		TH	32	P B	
66657	LAB	M	9-12		F	32	P B	
	QUIZ	M	8-10		W	32	P B	
66664	LAB	N	12-3		F	32	P B	
	QUIZ	N	7-9PM	TU		32	P B	

PHYCS 106 GENERAL PHYSICS (MECHANICS).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE:MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131.
4 HOURS.

66671	LECT	A	9	TU TH		151	P B	
66689	LECT	B	11	TU TH		151	P B	
66696	LAB	A1	8-10		W	232	P B	
	QUIZ	A1	8-10		F	137	P B	
66707	LAB	A2	8-10		F	232	P B	
	QUIZ	A2	8-10	M		232	P B	
66714	LAB	A3	8-10		F	264	P B	
	QUIZ	A3	8-10	M		264	P B	
66721	LAB	C1	10-12		W	232	P B	
	QUIZ	C1	10-12		F	143	P B	
66739	LAB	C2	10-12		F	232	P B	
	QUIZ	C2	10-12	M		232	P B	
66828	LAB	&C3	10-12		F	264	P B	
	QUIZ	&C3	10-12	M		264	P B	
66746	LAB	E1	1-3		W	232	P B	
	QUIZ	E1	1-3		F	319	CER	
66753	LAB	E2	1-3		F	232	P B	
	QUIZ	E2	1-3	M		232	P B	
66761	LAB	E3	1-3		W	264	P B	
	QUIZ	E3	1-3		F	137	P B	
66778	LAB	E4	1-3		F	264	P B	
	QUIZ	E4	1-3	M		264	P B	
66785	LAB	G1	3-5		W	232	P B	
	QUIZ	G1	3-5		F	232	P B	
66792	LAB	G2	3-5		W	264	P B	
	QUIZ	G2	3-5		F	264	P B	
66835	LAB	&R1	1-3	TU		232	P B	
	QUIZ	&R1	1-3		TH	232	P B	
66803	LAB	R2	1-3		TH	264	P B	
	QUIZ	R2	1-3	TU		264	P B	
66811	LAB	T1	3-5	TU		232	P B	
	QUIZ	T1	3-5		TH	232	P B	

PHYCS 107 GENERAL PHYSICS (HEAT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYCS. 106; CREDIT OR REGISTRATION IN MATH. 140
OR 141.
4 HOURS.

66842	LECT	A	8	M	W	141	P B	
66850	LECT	B	9	M	W	141	P B	
66867	LECT	C	11	M	W	141	P B	
66874	LAB	A1	8-10		W	234	P B	
	QUIZ	A1	8-10		F	147	P B	
66881	LAB	A2	8-10		F	234	P B	
	QUIZ	A2	8-10	M		147	P B	

PHYCS 107 CONTINUED

66899	LAB	A3	8-10		W			262	P B
	QUIZ	A3	8-10			F		139	P B
66900	LAB	A4	8-10			F		262	P B
	QUIZ	A4	8-10	M				139	P B
66917	LAB	C1	10-12		W			234	P B
	QUIZ	C1	10-12			F		319	CER
66924	LAB	C2	10-12			F		234	P B
	QUIZ	C2	10-12	M				319	CER
67190	LAB	&C3	10-12		W			262	P B
	QUIZ	&C3	10-12			F		147	P B
67201	LAB	&C4	10-12			F		262	P B
	QUIZ	&C4	10-12	M				147	P B
67218	LAB	&E1	1-3	M				234	P B
	QUIZ	&E1	1-3		W			139	P B
66931	LAB	E2	1-3		W			234	P B
	QUIZ	E2	1-3			F		139	P B
66949	LAB	E3	1-3			F		234	P B
	QUIZ	E3	1-3	M				258	P B
66956	LAB	E4	1-3	M				262	P B
	QUIZ	E4	1-3		W			258	P B
66963	LAB	E5	1-3		W			262	P B
	QUIZ	E5	1-3			F		143	P B
66971	LAB	E6	1-3			F		262	P B
	QUIZ	E6	1-3	M				139	P B
66988	LAB	G1	3-5	M				234	P B
	QUIZ	G1	3-5		W			137	P B
66995	LAB	G2	3-5			F		234	P B
	QUIZ	G2	3-5	M				139	P B
67008	LAB	G3	3-5		W			234	P B
	QUIZ	G3	3-5			F		139	P B
67015	LAB	G4	3-5		W			262	P B
	QUIZ	G4	3-5			F		147	P B
67022	LAB	G5	3-5	M				262	P B
	QUIZ	G5	3-5		W			143	P B
67030	LAB	L1	8-10	TU				234	P B
	QUIZ	L1	8-10		TH			164	P B
67047	LAB	L2	8-10		TH			234	P B
	QUIZ	L2	8-10			S		139	P B
67054	LAB	L3	8-10			S		234	P B
	QUIZ	L3	8-10	TU				236	P B
67061	LAB	L4	8-10	TU				262	P B
	QUIZ	L4	8-10		TH			232	P B
67079	LAB	L5	8-10		TH			262	P B
	QUIZ	L5	8-10	TU				139	P B
67086	LAB	L5	8-10			S		262	P B
	QUIZ	L6	8-10	TU				147	P B
67225	LAB	&N1	10-12	TU				234	P B
	QUIZ	&N1	10-12		TH			264	P B
67093	LAB	N2	10-12		TH			262	P B
	QUIZ	N2	10-12			S		143	P B
67104	LAB	N3	10-12			S		234	P B
	QUIZ	N3	10-12	TU				139	P B
67111	LAB	N4	10-12	TU				262	P B
	QUIZ	N4	10-12		TH			139	P B
67129	LAB	N5	10-12		TH			234	P B
	QUIZ	N5	10-12			S		139	P B
67232	LAB	&R1	1-3	TU				234	P B
	QUIZ	&R1	1-3		TH			139	P B
67136	LAB	R2	1-3		TH			234	P B
	QUIZ	R2	1-3	TU				139	P B
67143	LAB	R3	1-3	TU				262	P B
	QUIZ	R3	1-3		TH			137	P B
67240	LAB	&R4	1-3		TH			262	P B
	QUIZ	&R4	1-3	TU				137	P B
67151	LAB	T1	3-5	TU				234	P B
	QUIZ	T1	3-5		TH			139	P B
67168	LAB	T2	3-5		TH			234	P B
	QUIZ	T2	3-5	TU				139	P B
67175	LAB	T3	3-5	TU				262	P B
	QUIZ	T3	3-5		TH			147	P B
67182	LAB	T4	3-5		TH			262	P B
	QUIZ	T4	3-5	TU				147	P B

PHYCS 108 GENERAL PHYSICS (WAVE MOTION, SOUND, LIGHT AND MODERN PHYSICS).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYCS. 107; CREDIT OR REGISTRATION IN MATH. 140 OR 141.
4 HOURS.

67257	LECT		1	M W		151	P B		SALAMON
67264	LAB	C1	10-12		F	258	P B		
	QUIZ	C1	10-12	M		258	P B		
67271	LAB	C2	10-12		F	236	P B		
	QUIZ	C2	10-12	M		236	P B		
67289	LAB	G1	3-5	W		236	P B		
	QUIZ	G1	3-5		F	236	P B		
67296	LAB	G2	3-5	W		258	P B		
	QUIZ	G2	3-5		F	137	P B		
67307	LAB	G3	3-5		F	258	P B		
	QUIZ	G3	3-5	M		258	P B		
67314	LAB	L1	8-10		TH	236	P B		
	QUIZ	L1	8-10	TU		137	P B		
67321	LAB	L2	8-10		TH	258	P B		
	QUIZ	L2	8-10	TU		258	P B		
67339	LAB	N1	10-12		TH	236	P B		
	QUIZ	N1	10-12	TU		236	P B		
67378	LAB	&N2	10-12		TH	258	P B		
	QUIZ	&N2	10-12	TU		258	P B		
67385	LAB	&R1	1-3		TH	236	P B		
	QUIZ	&R1	1-3	TU		236	P B		
67346	LAB	R2	1-3		TH	258	P B		
	QUIZ	R2	1-3	TU		258	P B		
67353	LAB	T1	3-5		TH	236	P B		
	QUIZ	T1	3-5	TU		236	P B		
67361	LAB	T2	3-5		TH	258	P B		
	QUIZ	T2	3-5	TU		258	P B		

PHYCS 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC SECTION A: INDIVIDUAL STUDY.
TOPIC SECTION L: PHYSICS AND THE MODERN WORLD, 3 HOURS.
TOPIC SECTION M: SPECIAL PROBLEMS. CONCURRENT REGISTRATION IN PHYSICS 199 L REQUIRED. 1 HOUR.
TOPIC SECTION P: PLATO COMPUTER-BASED EDUCATION. 4 HOURS.

67392	CONF	*A	ARR						STAFF
67403	LECT	*L	3-430	M W		141	P B		LAZARUS
67411	DISC	*M	ARR						LAZARUS
67428	CONF	*P	ARR						

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PHYCS 303 MODERN EXPERIMENTAL PHYSICS, I.
PREREQUISITE: PHYCS. 342; REGISTRATION IN PHYCS. 381 OR 386.
5 HOURS OR 1 UNIT.
*FOR HONORS STUDENTS. HONOR STUDENTS SHOULD NOT REGISTER FOR THE LECTURE.

67435	LECT		3-5	M		136	P B		MOCHEL
67442	LAB	A	1-5		W F	336	P B		
67450	LAB	B	1-5	TU TH		336	P B		
67467	LAB	*C	ARR						

PHYCS 304 MODERN EXPERIMENTAL PHYSICS, II.
PREREQUISITE: PHYCS. 303.
5 HOURS OR 1 UNIT.
*FOR HONORS STUDENTS.

67474	LAB	A	1-5		W F	336	P B		
67481	LAB	B	1-5	TU TH		336	P B		
67499	LAB	C	ARR						

PHYCS 321 THEORETICAL MECHANICS.
PREREQUISITE: GENERAL PHYSICS, CONCURRENT REGISTRATION IN MATH. 341, 345, OR 349.
*NO GRADUATE CREDIT IS GIVEN TO GRADUATE MAJORS IN PHYSICS.
*4 HOURS OR 1 UNIT.

67500	LECT	A	10	M W F		136	P B		SARD
67517	LECT	B	11	M W F		136	P B		MORTARA

PHYCS 322 THEORETICAL MECHANICS.
PREREQUISITE: PHYCS. 321.
4 HOURS OR 1 UNIT.
*GRADUATE STUDENTS SHOULD REGISTER IN LECT. B.

67524	LECT	A	11	M W F	137	P B		
67531	LECT	*B	1-220	M W	144	P B		

PHYCS 341 ELECTRICITY AND MAGNETISM.
PREREQUISITE: GENERAL PHYSICS, REGISTRATION IN MATH. 341, 343, OR 345, OR CONSENT OF INSTRUCTOR.
*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
*4 HOURS, OR 1/2 OR 1 UNIT.

67549	LECT	A	10	M W F	144	P B		LAVATELLI
67556	LECT	B	11	M W F	158	P B		
67563	LAB	A	2-5	M	332	P B		
67571	LAB	B	9-12	TU	332	P B		
67588	LAB	C	1-4	TU	332	P B		
67595	LAB	D	2-5	W	332	P B		
67606	LAB	E	9-12	TH	332	P B		
67613	LAB	F	1-4	TH	332	P B		
67621	LAB	G	2-5	F	332	P B		

PHYCS 342 ELECTRICITY AND MAGNETISM.
PREREQUISITE: PHYCS. 341.
*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
*4 HOURS, OR 1/2 OR 1 UNIT.

67638	LECT	A	10	M W F	158	P B		
67645	LECT	B	11	M W F	139	P B		ROBINSON
67652	LAB	A	2-5	M	364	P B		
67660	LAB	B	9-12	TU	364	P B		
67677	LAB	C	1-4	TU	364	P B		
67684	LAB	D	2-5	W	364	P B		
67691	LAB	E	1-4	TH	364	P B		
67702	LAB	F	2-5	F	364	P B		

PHYCS 344 ELECTRONIC CIRCUITS.
PREREQUISITE: PHYCS. 343 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

67710	LECT		1	M W	137	P B		DEBRUNNER
67727	LAB	A	2-5	M W	434	P B		
67734	LAB	B	1-4	TU TH	434	P B		

PHYCS 347 ELECTROMAGNETIC THEORY AND BOUNDARY VALUE PROBLEMS.
PREREQUISITE: MATH. 343 AND 345, PHYCS. 342 OR E. E. 229, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

67741	LECT		1-230	TU TH	158	P B		JONES

PHYCS 360 THERMODYNAMICS.
PREREQUISITE: GENERAL PHYSICS AND CALCULUS.
4 HOURS OR 1 UNIT.

67759	LECT		9	M W F	158	P B		

PHYCS 362 KINETIC THEORY AND STATISTICS.
PREREQUISITE: PHYCS. 360 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

67766	LECT		10-1120	TU TH	158	P B		

PHYCS 366 AERONOMY--PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
SAME AS E. E., AND ASTR. 366.
PREREQUISITE: PHYCS. 342, 321 AND 381; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

67773	LECT		230-4	TU TH	136	P B		

PHYCS 371 LIGHT.
PREREQUISITE: GENERAL PHYSICS, MATH. 345, OR CONSENT OF INSTRUCTOR.
4 HOURS, OR 1/2 TO 1 UNIT.

67781	LECT		10-1120	TU TH	144	P B		KOESTER
67798	LAB	A	1-4	TU	432	P B		
67809	LAB	B	2-5	W	432	P B		
67816	LAB	C	1-4	TH	432	P B		

PHYCS 381 ATOMIC PHYSICS.
SAME AS CHEM. 396.
PREREQUISITE: GENERAL PHYSICS AND MATH. 343 OR 345.
*CREDIT NOT ALLOWED FOR PHYCS. 381 OR CHEM. 396 IN ADDITION TO PHYCS. 386.
*4 HOURS OR 1 UNIT.

67823	LECT		10	M W F	137	P B		

PHYCS 382 SUBATOMIC PHYSICS.
PREREQUISITE: PHYCS. 383 OR 385 OR 386 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

67831	LECT		130-3	TU TH	147	P B		BRUSSEL

PHYCS 383 ATOMIC PHYSICS AND QUANTUM THEORY.
PREREQUISITE: GENERAL PHYSICS, GENERAL CHEMISTRY, MATH. 345, OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

67848	LECT	A	9	M W F	151	P B		SCHULT
67855	LECT	B	11	M W F	151	P B		WILLIAMS

PHYCS 385 INTRODUCTION TO QUANTUM MECHANICS.
PREREQUISITE: MATH. 343, 345, OR CONSENT OF INSTRUCTOR.
*CREDIT NOT ALLOWED FOR PHYCS. 385 IN ADDITION TO PHYCS. 387.
*4 HOURS OR 1 UNIT.

67862	LECT		10-1120	TU TH	137	P B		

PHYCS 386 ATOMIC PHYSICS AND QUANTUM MECHANICS, I.
PREREQUISITE: GENERAL PHYSICS; MATH. 343 OR 345 OR CONSENT OF INSTRUCTOR.
*CREDIT NOT ALLOWED FOR PHYCS. 386 IN ADDITION TO PHYCS. 381 OR CHEM. 396.
*4 HOURS OR 1 UNIT.

67870	LECT		9	M W F	144	P B		

PHYCS 387 ATOMIC PHYSICS AND QUANTUM MECHANICS, II.
PREREQUISITE: PHYCS. 386.
*CREDIT NOT ALLOWED FOR PHYCS. 387 IN ADDITION TO PHYCS. 385.
*4 HOURS OR 1 UNIT.

67887	LECT		10	M W F	139	P B		ASCOLI

COURSES FOR GRADUATES

PHYCS 400 PROBLEMS AND METHODS OF MATHEMATICAL PHYSICS.
PREREQUISITE: MATH. 342 OR 345 OR 347, OR 387, PHYCS. 322 AND 342, OR CONSENT OF INSTRUCTOR.
1 UNIT.

67894	LECT		830-10	TU TH	144	P B		

PHYCS 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
SAME AS E.E. 435.
PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS.
1 UNIT.

67905	DISC	R	1-220	TU TH	335	E E B		SAH

PHYCS 441 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400 OR CONSENT OF INSTRUCTOR.
1 UNIT.

67912	LECT		10	M W F	151	P B		

PHYCS 442 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 441.
1 UNIT.

67920	LECT		10-1120	TU TH	136	P B		ADLER

PHYCS 462 STATISTICAL MECHANICS AND KINETIC THEORY.
PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

67937	LECT		830-10	TU TH	143	P B		WORTIS

PHYCS 470 INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS.
PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
1 UNIT.

67944	LECT		1-220	M W	158	P B	FRAUENFELDER

PHYCS 475 PARTICLE PHYSICS I.
PREREQUISITE: PHYCS. 470.
1 UNIT.

67951	LECT		3-420	M W	158	P B	

PHYCS 477 SEMINAR IN HIGH-ENERGY PHYSICS.
PREREQUISITE: PHYCS. 470 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1/2 UNIT.

67969	LECT		10-1130	TU	143	P B	

PHYCS 480 QUANTUM MECHANICS, I.
PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

67976	LECT		11	M W F	144	P B	WRIGHT

PHYCS 481 QUANTUM MECHANICS, II.
PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
1 UNIT.

67983	LECT		1-220	TU TH	136	P B	PETHICK

PHYCS 483 GENERAL FIELD THEORY.
PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR.
1 UNIT.

67991	LECT		9	M W F	136	P B	CHANG

PHYCS 489 SOLID STATE PHYSICS, I.
PREREQUISITE: PHYCS. 360, 362, 381, 480, OR CONSENT OF INSTRUCTOR.
1 UNIT.

68003	LECT		830-10	TU TH	136	P B	

PHYCS 490 SOLID STATE PHYSICS, II.
PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR.
1 UNIT.

68011	LECT		830-10	TU TH	158	P B	PINES

PHYCS 497 INDIVIDUAL STUDY.
1/2 OR 1 UNIT.

68028	CONF	A	ARR
68035	CONF	B	ARR

PHYCS 498 SEMINAR.
1/2 OR 1 UNIT.
*LECTURE A: SUBJECT TO BE ANNOUNCED.
*LECTURE B: SUBJECT TO BE ANNOUNCED.
*LECTURE C: INTRODUCTORY COURSE ON ELECTRON SPIN RESONANCE. 1 UNIT.
*LECTURE M: INTRODUCTION TO THEORETICAL METEOROLOGY. (FOR SENIORS AND GRADUATE STUDENTS. 4 HOURS OR 1 UNIT).

68042	LECT	*A	1-220	M W	136	P B	
68050	LECT	*B	1-220	M W	147	P B	
68067	LECT	*C	3-420	W F	144	P B	STAPLETON
68074	LECT	*M	9	M W F	143	P B	MAK

PHYCS 499 THESIS RESEARCH.
0 TO 4 UNITS.

68081	CONF	ARR

DEPARTMENT OFFICE 524 BUR HALL

MAJOR: TWENTY HOURS IN ANIMAL PHYSIOLOGY OR, WITH APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSIOLOGY 301, GENERAL PHYSIOLOGY; PHYSIOLOGY 303, GENERAL PHYSIOLOGY LABORATORY; PHYSIOLOGY 302, EXPERIMENTAL ANIMAL PHYSIOLOGY; AND PHYSIOLOGY 304, EXPERIMENTAL PHYSIOLOGY LABORATORY. THE STUDENT'S PROGRAM MUST INCLUDE A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT BIOLOGY; A SEMESTER OF GENETICS; MATHEMATICS THROUGH ELEMENTARY CALCULUS; TWO SEMESTERS OF PHYSICS; AND FOUR SEMESTERS OF CHEMISTRY, INCLUDING GENERAL, INORGANIC, ORGANIC, AND QUANTITATIVE CHEMISTRY. MICROBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY, AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST TWO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

COURSES FOR UNDERGRADUATES

PHYSL 103 INTRODUCTION TO HUMAN PHYSIOLOGY.
PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.
4 HOURS.
STUDENTS IN LAB-DISC SECTIONS OF THE A OR B SERIES MAY REGISTER IN ANY LECTURE.

68099	LECT	A	2	M W	228	N H B	TAYLOR
68100	LECT	B	10	TU TH	228	N H B	AND BADGER
68117	LAB-DISC	1A	8-10	M	310	H H	
		1A	8-10	W	304	H H	
68124	LAB-DISC	1B	8-10	M	312	H H	
		1B	8-10	W	304A	H H	
68131	LAB-DISC	2A	10-12	M	310	H H	
		2A	10-12	W	304	H H	
68149	LAB-DISC	2B	10-12	M	312	H H	
		2B	10-12	W	304A	H H	
68156	LAB-DISC	3A	1-3	M	310	H H	
		3A	1-3	W	304	H H	
68163	LAB-DISC	3B	1-3	M	312	H H	
		3B	1-3	W	304A	H H	
68171	LAB-DISC	4A	3-5	M	310	H H	
		4A	3-5	W	304	H H	
68188	LAB-DISC	4B	3-5	M	312	H H	
		4B	3-5	W	304A	H H	
68195	LAB-DISC	5A	8-10	TU	310	H H	
		5A	8-10	TH	304	H H	
68206	LAB-DISC	5B	8-10	TU	312	H H	
		5B	8-10	TH	304A	H H	
68213	LAB-DISC	6A	10-12	TU	310	H H	
		6A	10-12	TH	304	H H	
68221	LAB-DISC	6B	10-12	TU	312	H H	
		6B	10-12	TH	304A	H H	
68238	LAB-DISC	7A	1-3	TU	310	H H	
		7A	1-3	TH	304	H H	
68245	LAB-DISC	7B	1-3	TU	312	H H	
		7B	1-3	TH	304A	H H	
68252	LAB-DISC	8A	3-5	TU	310	H H	
		8A	3-5	TH	304	H H	
68260	LAB-DISC	8B	3-5	TU	312	H H	
		8B	3-5	TH	304A	H H	
68277	LAB-DISC	9A	8-10	W	310	H H	
		9A	8-10	F	304	H H	
68284	LAB-DISC	9B	8-10	W	312	H H	
		9B	8-10	F	304A	H H	
68291	LAB-DISC	10A	10-12	W	310	H H	
		10A	10-12	F	304	H H	

PHYSL 103 CONTINUED

68302	LAB-DISC	10B	10-12	W		312	H H
		10B	10-12		F	304A	H H
68310	LAB-DISC	11A	1-3	W		310	H H
		11A	1-3		F	304	H H
68327	LAB-DISC	13A	8-10		TH	310	H H
		13A	8-10	TU		304	H H
68334	LAB-DISC	13B	8-10		TH	312	H H
		13B	8-10	TU		304A	H H
68341	LAB-DISC	14A	10-12		TH	310	H H
		14A	10-12	TU		304	H H
68359	LAB-DISC	15A	1-3		TH	310	H H
		15A	1-3	TU		304	H H
68366	LAB-DISC	15B	1-3		TH	312	H H
		15B	1-3	TU		304A	H H
68373	LAB-DISC	16A	3-5		TH	310	H H
		16A	3-5	TU		304	H H
68381	LAB-DISC	16B	3-5		TH	312	H H
		16B	3-5	TU		304A	H H
68398	LAB-DISC	17A	8-10		F	310	H H
		17A	8-10	M		304	H H
68409	LAB-DISC	17B	8-10		F	312	H H
		17B	8-10	M		304A	H H
68416	LAB-DISC	18A	10-12		F	310	H H
		18A	10-12	M		304	H H
68423	LAB-DISC	18B	10-12		F	312	H H
		18B	10-12	M		304A	H H
68431	LAB-DISC	19A	1-3		F	310	H H
		19A	1-3	M		304	H H
68448	LAB-DISC	19B	1-3		F	312	H H
		19B	1-3	M		304A	H H

PHYSL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

68455	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES

PHYSL 234 HUMAN ANATOMY AND PHYSIOLOGY.
PREREQUISITE: PHYSL. 103, OR CONSENT OF INSTRUCTOR.
5 HOURS.
*LAB E1 IS FOR DANCE MAJORS ONLY.
*LABS F1 AND F2 ARE FOR OCCUPATIONAL THERAPY STUDENTS ONLY.

68462	LECT		11	TU TH	124	BUR HALL	HEATH & STOLPE
68470	LAB	A1	8-10	M W F	413	BUR HALL	
68487	LAB	A2	8-10	M W F	422	BUR HALL	
68494	LAB	B1	10-12	M W F	413	BUR HALL	
68505	LAB	B2	10-12	M W F	422	BUR HALL	
68512	LAB	C1	1-3	M W F	413	BUR HALL	
68520	LAB	D1	3-5	M W F	413	BUR HALL	
68569	LAB	*E1	8-11	TU TH	413	BUR HALL	
68537	LAB	E2	8-11	TU TH	422	BUR HALL	
68544	LAB	*F1	1-4	TU TH	413	BUR HALL	
68551	LAB	*F2	1-4	TU TH	422	BUR HALL	

PHYSL 290 READING COURSE.
PREREQUISITE: A COURSE IN PHYSIOLOGY, CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS.

68576	CONF	ARR		STAFF

PHYSL 291 DISCUSSIONS IN GENERAL PHYSIOLOGY.
PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
2 HOURS.
TOPIC: CELLULAR PHYSIOLOGY OF HEART AND SKELETAL MUSCLE.

68583	DISC	ARR		SLEATOR

PHYSL 292 DISCUSSIONS IN ANIMAL PHYSIOLOGY.
PREREQUISITE: PHYSL. 302 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
2 HOURS.
TOPIC: STRUCTURE AND FUNCTIONS OF THE GASTROINTESTINAL TRACT.

68591	DISC	3-5	TU	231	N H R	TAYLOR

PHYSL 301 GENERAL PHYSIOLOGY.
PREREQUISITE: BIOL. 111 OR BIOL. 251, OR EQUIVALENT, AND ONE YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS, AND CHEMISTRY THROUGH ORGANIC.
3 HOURS OR 3/4 UNIT.

68601	LECT		10	M W F	124	BUR HALL	WILLIS

PHYSL 303 GENERAL PHYSIOLOGY LABORATORY.
PREREQUISITE: PHYSL. 301 OR CURRENT REGISTRATION.
2 HOURS OR 1/4 UNIT.

68619	LAB	1	1-5	M	523	BUR HALL	WILLIS AND
68626	LAB	2	1-5	TU	523	BUR HALL	OTHERS
68633	LAB	3	1-5	W	523	BUR HALL	
68641	LAB	4	1-5	TH	523	BUR HALL	
68658	LAB	5	1-5	F	523	BUR HALL	
68665	LAB	6	8-12	TU	523	BUR HALL	
68672	LAB	7	8-12	TH	523	BUR HALL	

PHYSL 305 PRINCIPLES OF ERGONOMICS.
SAME AS I. E. AND P. E. 305.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

68680	LECT		2	MTUWTH	253	M E B	HERTIG AND OTHERS

PHYSL 331 GENERAL RADIOBIOLOGY.
PREREQUISITE: ONE YEAR EACH OF MATHEMATICS, PHYSICS, CHEMISTRY AND BIOLOGY.
4 HOURS OR 1 UNIT.

68697	LECT		9	M W F	136	BUR HALL	DUCOFF
	DISC		730PM	TH	422	BUR HALL	

PHYSL 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PSYCH., SOC., V.M.S. AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

68708	LECT-DISC		11	M W F	112	C A	SHIMKIN AND OTHERS

COURSES FOR GRADUATES

PHYSL 401 PHYSIOLOGY OF SYSTEMS AND ORGANS.
PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH ORGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED.
1 UNIT.

68715	LECT-DISC		11	MTUWTH	136	BUR HALL	STAFF

PHYSL 403 CELLULAR AND MOLECULAR PHYSIOLOGY.
PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS; CHEMISTRY INCLUDING PHYSICAL AND BIOCHEMISTRY; AN UPPER DIVISION COURSE IN PHYSIOLOGY; KNOWLEDGE OF CALCULUS PRESUMED.
1/2 OR 1 UNIT.

68722	LECT-DISC		9	TUWTHF	140	BUR HALL	STAFF

PHYSL 404 PHYSIOLOGICAL MEASUREMENTS.
SAME AS BIOPH. 404.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A MAXIMUM OF 1 1/2 UNITS.
*1/4 TO 1 UNIT.

68730	LAB	A	*8-12	TU TH	542	BUR HALL	STAFF
68747	LAB	B	*2-6	TU TH	542	BUR HALL	

PHYSL 410 MAMMALIAN PHYSIOLOGY SEMINAR.
PREREQUISITE: PHYSL. 401 AND 402 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: PHYSIOLOGY OF MAMMALIAN HIBERNATION.

68754	DISC		7-9PM	W	422	BUR HALL	HEATH & WILLIS

PHYSL 412 ADVANCED ENDOCRINOLOGY.
SAME AS AN. S., D. S., AND ZOOL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC: TO BE ANNOUNCED.

68761	DISC		730-10PM	M		140	BUR HALL	STAFF

PHYSL 413 EXPERIMENTAL MAMMALIAN PHYSIOLOGY, I.
PREREQUISITE: PHYSL. 401 AND 402 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

68779	LAB		1-5	M		61	V M A C H	CAWLEY
			8-12		W	61	V M A C H	

PHYSL 421 GROSS HUMAN ANATOMY.
PREREQUISITE: ONE SEMESTER OF EMBRYOLOGY, CONSENT OF INSTRUCTOR.
1 UNIT.

68786	LECT		1	M	W F	422	BUR HALL	STOLPE
	LAB-DISC		2	M	W F	422	BUR HALL	

PHYSL 441 ADVANCED COMPARATIVE PHYSIOLOGY.
SAME AS ZOOL. 441.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
*SECTION A TOPIC: COMPARATIVE PHYSIOLOGY OF MUSCLE.
*SECTION B TOPIC: COMPARATIVE RADIOBIOLOGY.
*SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.

68793	DISC	*A	7-9PM	M		422	BUR HALL	BARR
68804	DISC	*B	730-930PM		W	140	BUR HALL	DUCOFF

PHYSL 442 ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.
SAME AS ZOOL. 442.
PREREQUISITE: PHYSL. 402, 403, 404; CREDIT OR REGISTRATION IN PHYSL. OR ZOOL. 441.
1 UNIT.

68811	LAB		1-4	M	W	542	BUR HALL	BARR

PHYSL 470 HUMAN PATHOLOGIC PHYSIOLOGY.
PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER OF BIOCHEMISTRY, CONSENT OF INSTRUCTOR.
3/4 UNIT.

68829	LECT-DISC		3	M	W F	136	BUR HALL	TEIGLER

PHYSL 473 ERGONOMICS SEMINAR.
SAME AS I. E. AND P. E. 473.
PREREQUISITE: GRADUATE STANDING; I. E./PHYSL. 306; OR CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: PROBLEMS OF THE AGING WORKER.

68836	DISC		3-5		TH	136	BUR HALL	HERTIG

PHYSL 491 INDIVIDUAL TOPICS.
PREREQUISITE: APPROVAL OF DEPARTMENT.
1/2 TO 2 UNITS.
*SECTION B OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE REGISTRATION IN COURSE.

68843	CONF	A	ARR					STAFF
68851	CONF	*B	ARR					

PHYSL 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
*NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT WITH SECTION A.

68868	CONF	A	4		F	140	BUR HALL	STAFF
68875	CONF	*B	ARR					

DEPARTMENT OFFICE 218 M H

COURSES FOR UNDERGRADUATES

PL PA 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

68882	CONF		ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES

PL PA 204 INTRODUCTORY PLANT PATHOLOGY.
PREREQUISITE: BOT. 100 OR EQUIVALENT.
3 HOURS.

68890	LAB-DISC	A	10-12	TU TH	W121	T H	LINN
68901	LAB-DISC	B	3-5	TU TH	W121	T H	LINN

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

PL PA 300 SPECIAL PROBLEMS.
PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
*MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
*1 TO 4 HOURS, OR 1/4 TO 1 UNIT.

BEVER, BLACK, CARTER
EDWARDS, FORSBERG,
CHAMBERLAIN, GERDEMANN, GRAY
GOTTLIEB, HARTSTIRN,
HOOKER, JEDLINSKI, LINN,
MALEK, PAXTON, POWELL,
SCHOENEWEISS, SHAW, SHURTLEFF,
SINCLAIR.

SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

68918	CONF	A	ARR
68925	CONF	&B	ARR

PL PA 302 RESEARCH METHODS IN PLANT PATHOLOGY.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT, SENIOR STANDING.
3 HOURS OR 3/4 UNIT.

68932	LAB-DISC		1-4	M W	414	A S L	PAXTON

PL PA 306 EPIPHYTOLOGY AND DIAGNOSIS OF PLANT DISEASES.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

68940	LECT		8	M W F	W121	T H	SINCLAIR

PL PA 377 DISEASES OF FIELD CROPS.
SAME AS AGRON. 377.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

68957	LAB-DISC		8-10	TU TH	W121	T H	HOOKER

COURSES FOR GRADUATES

PL PA 417 DISCUSSIONS IN PLANT PATHOLOGY.
1/4 UNIT.

68964	DISC		4	M	W115	T H	STAFF

PL PA 499 THESIS RESEARCH.
PREREQUISITE: PL. PA. 302 OR EQUIVALENT.
0 TO 4 UNITS.

BEVER, BLACK, CARTER
CHAMBERLAIN, GERDEMANN
GOTTLIEB, HOOKER,
JEDLINSKI, LINN, MALEK,
PAXTON, POWELL, SHAW,
SHURTLEFF, SINCLAIR.

68971 CONF ARR

POLISH

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

POL 385 THE STRUCTURE OF MODERN POLISH.
PREREQUISITE: KNOWLEDGE OF ANOTHER SLAVIC LANGUAGE OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT.
68989 LECT-DISC E 1 M W F G 58 F L B GLADNEY

POLITICAL SCIENCE

DEPARTMENT OFFICE 326 L H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS) AND THREE HOURS OF COMPUTER SCIENCE. A MAXIMUM OF EIGHT HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF 100-LEVEL COURSES AS PART OF A MINOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION.

POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS TO COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

POL S 110 GOVERNMENT IN ILLINOIS.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312.
*2 HOURS.

68996	LECT-DISC		3	W F	310	L H		

POL S 150 AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.
3 HOURS.
STUDENTS ENROLLING FOR LECTURE G MUST ALSO ENROLL FOR ONE G DISCUSSION SECTION.

69070	LECT	G	3	M W	L H	THEATRE		MONYPENNY
69087	DISC	G1	2	F	315	G H		
69094	DISC	G2	2	F	329	ARMORY		
69105	DISC	G3	2	F	310	L H		
69112	DISC	G4	2	F	118	L H		
69120	DISC	G5	1	F	329	ARMORY		
69137	DISC	G6	1	F	315	G H		
69144	DISC	G7	1	F	108	L H		
69151	DISC	G8	9	F	43	L I R		
69169	DISC	G9	3	F	329	ARMORY		
69176	DISC	G10	3	F	118	L H		
69183	DISC	G11	12	F	108	L H		
69191	DISC	G12	4	F	310	L H		
69201	DISC	G13	1	TH	116	L H		
69219	DISC	G14	I	TH	162	L H		
69226	DISC	G15	9	TH	116	L H		
69233	DISC	G16	2	TH	329	ARMORY		
69241	DISC	G17	2	TH	116	L H		
69258	DISC	G18	12	TH	116	L H		
69265	DISC	G19	3	TH	116	L H		
69272	DISC	G20	3	TH	162	L H		
69280	DISC	G21	4	TH				

STUDENTS ENROLLING FOR LECTURE M MUST ALSO ENROLL FOR ONE M DISCUSSION SECTION AND FOR SECTION Z OF POL. S. 199 FOR 2 HOURS CREDIT. STUDENTS WILL ALSO BE REQUIRED TO PARTICIPATE IN THREE THURSDAY NIGHT SESSIONS DURING THE SEMESTER.

69297	LECT	M	9	TU TH	116	E C		GOLD
69308	DISC	M1	9	S	315	G H		
69315	DISC	M2	9	S	329	ARMORY		
69322	DISC	M3	10	S	315	G H		
69330	DISC	M4	11	S	315	G H		
69347	DISC	M5	3	TH	240	L H		
69354	DISC	M6	4	TH	162	L H		
69361	DISC	M7	12	TH	329	ARMORY		

*THESE SECTIONS WILL BE TAUGHT BY EXPERIENCED GRADUATE TEACHING ASSISTANTS AND WILL BE LIMITED TO 30 STUDENTS EACH WITHOUT EXCEPTION.

69009	LECT-DISC	*A	8	M W F	315	G H		
69016	LECT-DISC	*X1	12	M W F	315	G H		
69023	LECT-DISC	*X2	12	M W F	329	ARMORY		
69031	LECT-DISC	*Q	12	TU TH S	315	G H		
69048	LECT-DISC	*R	1	TU TH S	329	ARMORY		
69055	LECT-DISC	*H	4	M W F	315	G H		
69062	LECT-DISC	*T	3-430	TU TH	329	ARMORY		

POL S 184 INTERNATIONAL RELATIONS.
4 HOURS.

69379	LECT-DISC	R1	1-3	TU TH	112	C A		WEINSTEIN
69386	LECT-DISC	N	10-12	TU TH	101	ARMORY		IVERSON
69393	LECT-DISC	R2	1-3	TU TH	140	L H		
69404	LECT-DISC	T	3-5	TU TH	362	L H		
69411	LECT-DISC	G	3-5	W F	362	L H		

POL S 191 PRINCIPLES OF POLITICAL SCIENCE.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.
*4 HOURS.

69429	LECT-DISC	G1	3-415	M W F	319	G H		DOUGLAS
69482	LECT-DISC	&D	11-1	TU TH	143	ADMIN		
69436	LECT-DISC	G2	3-5	M W	213	G H		
69443	LECT-DISC	L	8-10	TU TH	329	ARMORY		
69451	LECT-DISC	N	10-12	TU TH	329	ARMORY		
69468	LECT-DISC	R	1-3	TU TH	390	L H		
69475	LECT-DISC	G3	3-5	W F	162	L H		

POL S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION S IS POLITICS OF WOMENS LIBERATION.
SECTION Z IS FOR STUDENTS ENROLLED IN POL. S. 150 SECTION M.

69490	CONF	E	1	M W F	184	L H		
69518	CONF	S	2-4	TU	138	ADMIN		CARROLL
69501	CONF	X	12	M W F	184	L H		
69525	CONF	Z	APR					GOLD

COURSES FOR ADVANCED UNDERGRADUATES

POL S 241 THE EMERGING NATIONS.
PREREQUISITE: THREE HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
3 HOURS.

69532	LECT-DISC		8	M W F	192	L H		MCHENRY

POL S 290 SENIOR SEMINAR.
PREREQUISITE: SENIOR STANDING, AT LEAST SIX HOURS OF POLITICAL SCIENCE, AND EITHER DESIGNATION AS JAMES SCHOLAR OR A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0.
2 HOURS.
*SECTION N IS LATIN AMERICAN STUDY.
*SECTION S IS ASIAN STUDY.

69540	CONF	*N	10-12	TH	398	L H		SCOTT
69557	CONF	*S	2-4	TU	388	L H		YU

POL S 291 THESIS AND HONORS COURSE.
PREREQUISITE: OPEN ONLY TO SENIORS WHOSE MAJOR IS POLITICAL SCIENCE AND WHO HAVE A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0.
2 TO 5 HOURS.

69564	CONF		ARR					STAFF

POL S 293 SELECTED TOPICS IN POLITICAL SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 4 HOURS.

69571	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

POL S 305 MUNICIPAL GOVERNMENT.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION F1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION F2.
POLITICAL SCIENCE MAJORS MUST ALSO ENROLL FOR ONE DISCUSSION SECTION, SELECTING ONE OF THE SECTIONS F3, F5, F7, OR F9. ALL OTHER STUDENTS MUST ALSO ENROLL FOR ONE DISCUSSION SECTION, SELECTING ONE OF THE SECTIONS F4, F6, F8, OR F10.

69589	LECT	*F1	2	M W	114	D K H		MERANTO
69678	LECT	*F2	2	M W	114	D K H		MERANTO
69596	DISC	*F3	2	F	176	L H		
69685	DISC	*F4	2	F	176	L H		
69607	DISC	*F5	2	F	184	L H		
69692	DISC	*F6	2	F	184	L H		
69614	DISC	*F7	2	F	186	L H		
69703	DISC	*F8	2	F	186	L H		
69621	DISC	*F9	2	F	362	L H		
69711	DISC	*F10	2	F	362	L H		
69639	DISC	*F11	3	F	170	L H		
69728	DISC	*F12	3	F	170	L H		
69646	DISC	*F13	3	F	176	L H		
69735	DISC	*F14	3	F	176	L H		
69653	DISC	*F15	3	F	184	L H		
69742	DISC	*F16	3	F	184	L H		
69661	DISC	*F17	3	F	186	L H		
69750	DISC	*F18	3	F	186	L H		

POL S 312 STATE GOVERNMENT.
PREREQUISITE: POL.S. 150 OR 191.
*CREDIT IS NOT GIVEN FOR BOTH POL. S. 110 AND 312.
*3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69767	LECT-DISC	*A1	1	M W F	310	L H		
69774	LECT-DISC	*A2	1	M W F	310	L H		

POL S 326 AMERICAN POLITICAL PARTIES.
PREREQUISITE: POL. S. 150 OR 191 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69781	LECT-DISC	*A1	10	M W F	62	K M			WEINBAUM
69799	LECT-DISC	*A2	10	M W F	62	K M			WEINBAUM

POL S 328 AN INTRODUCTION TO THE STUDY OF POLITICAL BEHAVIOR.
PREREQUISITE: POL. S. 150 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69800	LECT-DISC	*A1	1-230	TU TH	315	G H			JOHNSON
69817	LECT-DISC	*A2	1-230	TU TH	315	G H			JOHNSON

POL S 335 GOVERNMENT AND POLITICS OF THE SOVIET UNION.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69824	LECT-DISC	*A1	11	M W F					LEWIS
69831	LECT-DISC	*A2	11	M W F					LEWIS

POL S 336 GOVERNMENTS AND POLITICS IN WESTERN CONTINENTAL EUROPE.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69849	LECT-DISC	*A1	9	M W F	192	L H			LEWIS
69856	LECT-DISC	*A2	9	M W F	192	L H			LEWIS

POL S 339 GOVERNMENTS AND POLITICS IN SUB-SAHARAN AFRICA.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69863	LECT-DISC	*A1	10	M W F	192	L H			MCHENRY
69871	LECT-DISC	*A2	10	M W F	192	L H			MCHENRY

POL S 342 GOVERNMENT AND POLITICS IN LATIN AMERICA.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69888	LECT-DISC	*A1	11	W	192	L H			BYARS
		*A1	11-1	F	192	L H			BYARS
69895	LECT-DISC	*A2	11	W	192	L H			BYARS
		*A2	11-1	F	192	L H			BYARS

POL S 345 COMPARATIVE COMMUNIST SYSTEMS: ASIA.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69906	LECT-DISC	*A1	1	M W F	192	L H			YU
69913	LECT-DISC	*A2	1	M W F	192	L H			YU

POL S 346 COMPARATIVE COMMUNIST SYSTEMS: EASTERN EUROPE.
PREREQUISITE: JUNIOR STANDING.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69921	LECT-DISC	*A1	1	M W F	112	C A			
69938	LECT-DISC	*A2	1	M W F	112	C A			

POL S 348 GOVERNMENT AND POLITICS OF JAPAN.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69945	LECT-DISC	*A1	9	M	315	G H			WEINSTEIN
		*A1	9-11	F	315	G H			WEINSTEIN
69952	LECT-DISC	*A2	9	M	315	G H			WEINSTEIN
		*A2	9-11	F	315	G H			WEINSTEIN

POL S 350 LAW AND SOCIETY.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69960	LECT-DISC *A1	3-430	TU TH	192	L H	NAGEL
69977	LECT-DISC *A2	3-430	TU TH	192	L H	NAGEL

POL S 351 AMERICAN CONSTITUTIONAL SYSTEM.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

69984	LECT-DISC *A1	2	M W F	192	L H	CARMEN
69991	LECT-DISC *A2	2	M W F	192	L H	CARMEN

POL S 353 LAW AND POLITICS OF POVERTY.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70008	LECT-DISC *A1	9-1030	TU TH	192	L H	NAGEL
70015	LECT-DISC *A2	9-1030	TU TH	192	L H	NAGEL

POL S 359 JURISPRUDENCE.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70022	LECT-DISC *A1	9	M W F	310	L H	MANNER
70030	LECT-DISC *A2	9	M W F	310	L H	MANNER

POL S 361 INTRODUCTION TO PUBLIC ADMINISTRATION.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70047	LECT-DISC *A1	8	M W F	310	L H	PAGE
70054	LECT-DISC *A2	8	M W F	310	L H	PAGE

POL S 363 COMPARATIVE ADMINISTRATION.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70061	LECT-DISC *A1	9-1030	TU TH	310	L H
70079	LECT-DISC *A2	9-1030	TU TH	310	L H

POL S 384 INTERNATIONAL RELATIONS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70086	LECT-DISC *A1	10-12	TU	162	L H
	*A1	11	TH	162	L H
70093	LECT-DISC *A2	10-12	TU	162	L H
	*A2	11	TH	162	L H

POL S 388 THE MILITARY AND POLITICS.
PREREQUISITE: POL. S. 184 OR 192, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70104	LECT-DISC *A1	1-3	TU	192	L H	COHEN
	*A1	1	TH	192	L H	COHEN
70111	LECT-DISC *A2	1-3	TU	192	L H	COHEN
	*A2	1	TH	192	L H	COHEN

POL S 389 CHINESE FOREIGN POLICY.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70129	LECT-DISC *A1	10-1130	TU TH	388	L H	YU
70136	LECT-DISC *A2	10-1130	TU TH	388	L H	YU

POL S 390 METHODS OF POLITICAL ANALYSIS.
PREREQUISITE: POL. S. 150 OR 191 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

70143	LECT-DISC *A1	330-5	TU TH	310	L H	HOBBS
70151	LECT-DISC *A2	330-5	TU TH	310	L H	HOBBS

POL S 393 CLASSICAL POLITICAL THEORY.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70168	LECT-DISC *A1	11	M W F	329	ARMORY	DAVIS
70175	LECT-DISC *A2	11	M W F	329	ARMORY	DAVIS

POL S 394 MEDIEVAL POLITICAL THEORY.
3 HOURS, OR 1/2 OR 1 JNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70182	LECT-DISC *A1	1030-12	TU TH	315	G H	CARROLL
70190	LECT-DISC *A2	1030-12	TU TH	315	G H	CARROLL

POL S 397 AMERICAN POLITICAL THEORY.
3 HOURS, OR 1/2 OR 1 JNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70201	LECT-DISC *A1	3	M W F	315	G H
70218	LECT-DISC *A2	3	M W F	315	G H

POL S 398 THEORY AND PRACTICE OF DEMOCRATIC GOVERNMENT.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70225	LECT-DISC *A1	2	M W F	112	C A
70232	LECT-DISC *A2	2	M W F	112	C A

COURSES FOR GRADUATES

POL S 401 HISTORY OF POLITICAL THEORIES.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70240	LECT-DISC *A1	3-5	W	329	ARMORY	DAVIS
70257	LECT-DISC *A2	3-5	W	329	ARMORY	DAVIS

POL S 406 MUNICIPAL ADMINISTRATION.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70264	LECT-DISC *A1	2-4	TU	315	G H	GOLD
70271	LECT-DISC *A2	2-4	TU	315	G H	

POL S 412 PROBLEMS IN STATE GOVERNMENT.
1 UNIT.

70289	LECT-DISC	3-5	M	398	L H	GOVE

POL S 420 FORMATION OF PUBLIC POLICY.
SAME AS L.I.R. 420.
1 UNIT.

70296	LECT-DISC	1-3	W	398	L H	RUNDQUIST

POL S 423 PROSEMINAR IN AMERICAN POLITICS.
1 UNIT.
*SECTIONS S1 AND T1 ARE FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS S2 AND T2.
*SECTIONS S1 AND S2 ARE INTRODUCTORY TEACHING PROBLEMS.
*SECTIONS T1 AND T2 ARE MAJOR POLITICAL INSTITUTIONS.

70314	LECT-DISC *S1	2-4	TH	315	G H	GOLD
70321	LECT-DISC *S2	2-4	TH	315	G H	GOLD
70307	LECT-DISC *T1	3-5	TU	262	L H	WEINBAUM
70339	LECT-DISC *T2	3-5	TU	262	L H	WEINBAUM

POL S 425 PERSONALITY AND POLITICAL PROCESS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

70346	LECT-DISC	3-5	F	398	L H	

POL S 430 PROSEMINAR IN COMPARATIVE POLITICS.
1 UNIT.

70353	LECT-DISC	3-5	TH	398	L H	

POL S 446 PROBLEMS OF SOUTHEAST ASIAN POLITICS AND GOVERNMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

70361	LECT-DISC	3-5	W	398	L H	DOUGLAS

POL S 449 PROBLEMS OF SOUTH ASIAN POLITICS AND GOVERNMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

70378	LECT-DISC	2-4	W	302	L H	COHEN

POL S 450 CONTEMPORARY GOVERNMENTAL PROBLEMS.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.

70385	LECT-DISC	1-3	TH	398	L H	BOCK

POL S 451 CONSTITUTIONAL LAW.
PREREQUISITE: POL. S. 351 OR EQUIVALENT.
1 UNIT.

70392	LECT-DISC	730-930PM	TH	398	L H	CARMEN

POL S 465 PROBLEMS IN ADMINISTRATIVE MANAGEMENT.
PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR.
1 UNIT.
SUBJECT - ADMINISTRATIVE DECISION THEORY.

70403	LECT-DISC	10-12	M	398	L H	PAGE

POL S 466 CURRENT ADMINISTRATIVE THEORY.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

70411	LECT-DISC *A1	1-3	TU	398	L H	
70428	LECT-DISC *A2	1-3	TU	398	L H	

POL S 484 INTERNATIONAL RELATIONS.
*MAY BE REPEATED UNDER DIFFERENT INSTRUCTORS UP TO THREE UNITS OF CREDIT.
*1 UNIT.

70435	LECT-DISC	3-5	TU	398	L H	BOCK

POL S 490 PROSEMINAR IN POLITCAL BEHAVIOR, I.
1 UNIT.

70442	LECT-DISC	3-5	M	329	ARMORY	COOMBS

POL S 493 RESEARCH IN SELECTED TOPICS.
1/2 TO 3 UNITS.

70450	CONF	ARR				STAFF

POL S 495 SCOPE AND METHODS OF POLITICAL SCIENCE.
1 UNIT.

70467	LECT-DISC	1-230	TU TH	310	L H	HOBBS

POL S 496 POLITICAL CONCEPTS-FORMULATION AND MEASUREMENT.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

70474	LECT-DISC	1-3	TH	145	A H	JOHNSON

POL S 499 THESIS RESEARCH.
0 TO 4 UNITS.

70481	CONF	ARR				STAFF

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS, OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

COURSES FOR UNDERGRADUATES

PORT 101 ELEMENTARY PORTUGUESE, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR PORT. 101 WITHOUT PORT. 102.
*4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W22.

70499	LECT-DISC	B	9	TUWTHF	170	L H
70500	LECT-DISC	E	1	MTUWTH	108	L H
70517	LAB	W3	8-830	W F	202	L H
70524	LAB	W4	830-9	W F	202	L H
70531	LAB	W5	9-930	W F	202	L H
70549	LAB	W6	930-10	W F	202	L H
70556	LAB	W7	10-1030	W F	202	L H
70563	LAB	W8	1030-11	W F	202	L H
70571	LAB	W9	11-1130	W F	202	L H
70588	LAB	W10	1130-12	W F	202	L H
70595	LAB	W11	12-1230	W F	202	L H
70606	LAB	W12	1230-1	W F	202	L H
70613	LAB	W13	1-130	W F	202	L H
70621	LAB	W14	130-2	W F	202	L H
70638	LAB	W15	2-230	W F	202	L H
70645	LAB	W16	230-3	W F	202	L H
70652	LAB	W17	3-330	W F	202	L H
70660	LAB	W18	330-4	W F	202	L H
70677	LAB	W19	4-430	W F	202	L H
70684	LAB	W20	430-5	W F	202	L H
70691	LAB	W21	5-530	W F	202	L H
70702	LAB	W22	530-6	W F	202	L H

PORT 103 INTERMEDIATE PORTUGUESE, I.
PREREQUISITE: PORT. 102 OR PORT. 111 OR TWO YEARS OF HIGH SCHOOL PORTUGUESE.
4 HOURS.

70710	LECT-DISC	X	12	MTUWTH	1120	F L B

PORT 111 ELEMENTARY PORTUGUESE.
FOR STUDENTS WHO HAVE NO CREDIT IN PORTUGUESE.
8 HOURS.
ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR THE LANGUAGE LABORATORY SECTIONS W3 AND F5.

70727	LECT-DISC	A	8	MTU THF	108	L H
		A	9	MTUWTH	108	L H
70734	LAB	W3	8	W	202	L H
70741	LAB	F5	9	F	202	L H

PORT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

70759	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES

PORT 211 INTERMEDIATE COMPOSITION AND CONVERSATION.
PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.
3 HOURS.

70766	LECT-DISC	11	M W F	1118	F L B	PRETO-RODAS

ORT 290 READINGS IN PORTUGUESE.
PREREQUISITE: PORT. 104 OR 112, OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
70773 CONF ARR STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ORT 301 INTRODUCTION TO BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
70781 LECT-DISC 3 M W F 1118 F L B AIEX

ORT 303 A CULTURA LUSO-BRASILEIRA ATE 1822.
PREREQUISITE: PORT. 201 OR 211, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
70798 LECT-DISC 10 M W F 1126 F L B AIEX

COURSES FOR GRADUATES

PORT 405 STRUCTURE OF BRAZILIAN PORTUGUESE--PHONOLOGY.
1 UNIT.
70809 LECT-DISC 9 M W 1118 F L B ALLEN

PORT 407 STUDIES IN BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 301 OR CONSENT OF INSTRUCTOR.
1 UNIT.
70816 LECT-DISC 11 TU TH 1118 F L B PRETO-RODAS

PORT 491 SPECIAL TOPICS IN PORTUGUESE.
1/2 OR 1 UNIT.
70823 CONF ARR STAFF

PORT 499 THESIS RESEARCH.
0 TO 4 UNITS.
70831 CONF ARR ALLEN, FORSTER
PRETO-RODAS

PSYCHOLOGY

DEPARTMENT OFFICE 308 PSYCH BLDG

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTERESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294 MAY BE INCLUDED IN AREA I OR AREA II.

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF THREE DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, AND MEASUREMENT PSYCHOLOGY. THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 358; 12 HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355, 390; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 300; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 100, 103, OR 105; PSYCHOLOGY 235, 245, 390; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; THREE HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332; EITHER COMPUTER SCIENCE 101 OR 103.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST A FULL-YEAR LABORATORY COURSE IN ANOTHER SCIENCE, AND AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF TWO DESIRABLE.

MINOR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF 8 HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINOR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSIOLOGY. FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT MINOR OF 20 HOURS SELECTED FROM MATHEMATICS, ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN EACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MATHEMATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY.

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS: A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

PSYCH 100 INTRODUCTION TO PSYCHOLOGY.
NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105.
REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS
4 HOURS.
"LECTURE-DISCUSSIONS A THROUGH ZZ ARE A COMBINATION OF CLOSED-CIRCUIT TELEVISION LECTURES, DEMONSTRATIONS, AND FILMS, FOLLOWED BY DISCUSSION. STUDENTS SHOULD REGISTER FOR ONE SECTION ONLY. LECTURES AAA THROUGH OOO DO NOT INCLUDE CLOSED-CIRCIUT TELEVISION. AND MEET 3 HOURS PER WEEK WITH THE FOURTH HOUR TO BE ARRANGED. LECTURES &A, &B, &C, &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

70848	LECT-DISC	A	8-920	M W	23	PSYCH BLDG	COSTIN
70855	LECT-DISC	B	8-920	M W	252	M E B	
70862	LECT-DISC	C	8-920	M W	317	G H	
70870	LECT-DISC	D	8-920	M W	260	M E B	
70887	LECT-DISC	E	8-920	TU TH	23	PSYCH BLDG	
70894	LECT-DISC	F	8-920	TU TH	252	M E B	
70905	LECT-DISC	G	8-920	TU TH	317	G H	
70912	LECT-DISC	H	8-920	TU TH	260	M E B	
70920	LECT-DISC	K	930-1050	M W	252	M E B	
70937	LECT-DISC	L	930-1050	M W	317	G H	
70944	LECT-DISC	M	930-1050	M W	260	M E B	
70951	LECT-DISC	N	930-1050	TU TH	23	PSYCH BLDG	
70969	LECT-DISC	O	930-1050	TU TH	252	M E B	
70976	LECT-DISC	P	930-1050	TU TH	317	G H	
70983	LECT-DISC	Q	930-1050	TU TH	260	M E B	
70991	LECT-DISC	R	11-1220	M W	23	PSYCH BLDG	
71003	LECT-DISC	S	11-1220	M W	252	M E B	
71011	LECT-DISC	T	11-1220	M W	317	G H	
71028	LECT-DISC	U	11-1220	M W	260	M E B	
71035	LECT-DISC	V	11-1220	TU TH	23	PSYCH BLDG	
71042	LECT-DISC	W	11-1220	TU TH	252	M E B	
71050	LECT-DISC	X	11-1220	TU TH	317	G H	
71067	LECT-DISC	Z	11-1220	TU TH	260	M E B	
71074	LECT-DISC	AA	1230-150	M W	23	PSYCH BLDG	
71081	LECT-DISC	BB	1230-150	M W	252	M E B	
71099	LECT-DISC	CC	1230-150	M W	317	G H	
71100	LECT-DISC	DD	1230-150	M W	260	M E B	
71117	LECT-DISC	EE	1230-150	TU TH	23	PSYCH BLDG	
71124	LECT-DISC	FF	1230-150	TU TH	252	M E B	
71131	LECT-DISC	GG	1230-150	TU TH	317	G H	
71149	LECT-DISC	HH	1230-150	TU TH	260	M E B	
71156	LECT-DISC	JJ	2-320	M W	23	PSYCH BLDG	
71163	LECT-DISC	KK	2-320	M W	252	M E B	
71171	LECT-DISC	LL	2-320	M W	317	G H	
71188	LECT-DISC	MM	2-320	M W	260	M E B	
71195	LECT-DISC	NN	2-320	TU TH	23	PSYCH BLDG	
71206	LECT-DISC	OO	2-320	TU TH	252	M E B	
71213	LECT-DISC	PP	2-320	TU TH	317	G H	
71221	LECT-DISC	QQ	2-320	TU TH	260	M E B	
71238	LECT-DISC	RR	330-420	M W	23	PSYCH BLDG	
71245	LECT-DISC	SS	330-420	M W	252	M E B	
71252	LECT-DISC	TT	330-420	M W	317	G H	
71260	LECT-DISC	UU	330-420	M W	260	M E B	
71277	LECT-DISC	VV	330-420	TU TH	23	PSYCH BLDG	
71284	LECT-DISC	WW	330-420	TU TH	252	M E B	
71291	LECT-DISC	XX	330-420	TU TH	317	G H	
71302	LECT-DISC	ZZ	330-420	TU TH	260	M E B	
71310	LECT	AAA	1	M W F	17	PSYCH BLDG	
71327	LECT	DDD	9	M W F	31	PSYCH BLDG	
71334	LECT	EEE	10	M W F	17	PSYCH BLDG	
71341	LECT	GGG	2	M W F	31	PSYCH BLDG	
71359	LECT	HHH	12	M W F	17	PSYCH BLDG	
71366	LECT	JJJ	1	M W F	31	PSYCH BLDG	
71373	LECT	KKK	2	M W F	17	PSYCH BLDG	
71381	LECT	LLL	3	M W F	31	PSYCH BLDG	
71398	LECT	&A	10	M W F	21	PSYCH BLDG	MENGES
71409	LECT	&B	11	M W F	21	PSYCH BLDG	
71416	LECT	&C	1	M W F	21	PSYCH BLDG	
71423	LECT	&D	2	M W F	21	PSYCH BLDG	
71431	LECT	&E	3	M W F	21	PSYCH BLDG	

PSYCH 103 INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY.
4 HOURS.

71448	LAB-DISC	A	9	TU TH	114	D K H		MAIER & MEAD
		A	8-10	M W	35	PSYCH BLDG		
71455	LAB-DISC	B	9	TU TH	114	D K H		
		B	10-12	M W	35	PSYCH BLDG		
71462	LAB-DISC	C	9	TU TH	114	D K H		
		C	1-3	M W	35	PSYCH BLDG		
71470	LAB-DISC	D	9	TU TH	114	D K H		
		D	3-5	M W	35	PSYCH BLDG		
71487	LAB-DISC	E	9	TU TH	114	D K H		
		E	10-12	TU TH	35	PSYCH BLDG		
71494	LAB-DISC	F	9	TU TH	114	D K H		
		F	1-3	TU TH	35	PSYCH BLDG		
71505	LAB-DISC	G	9	TU TH	114	D K H		
		G	3-5	TU TH	35	PSYCH BLDG		
71512	LAB-DISC	H	9	TU TH	114	D K H		
		H	8-10	M W	37	PSYCH BLDG		
71520	LAB-DISC	J	9	TU TH	114	D K H		
		J	10-12	M W	37	PSYCH BLDG		
71537	LAB-DISC	K	9	TU TH	114	D K H		
		K	1-3	M W	37	PSYCH BLDG		
71544	LAB-DISC	L	9	TU TH	114	D K H		
		L	3-5	M W	37	PSYCH BLDG		
71551	LAB-DISC	M	9	TU TH	114	D K H		
		M	10-12	TU TH	37	PSYCH BLDG		
71569	LAB-DISC	N	9	TU TH	114	D K H		
		N	1-3	TU TH	37	PSYCH BLDG		
71576	LAB-DISC	O	9	TU TH	114	D K H		
		O	3-5	TU TH	37	PSYCH BLDG		

PSYCH 105 ELEMENTS OF PSYCHOLOGY.
NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103.
FOR PLACEMENT PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE
ACT COMPOSITE SCORE IS 21 AND BELOW.
4 HOURS.

71583	LECT-DISC	A	10	M W F	23	PSYCH BLDG		
		A	9	M	13	PSYCH BLDG		
71591	LECT-DISC	B	10	M W F	23	PSYCH BLDG		
		B	9	W	13	PSYCH BLDG		
71601	LECT-DISC	C	10	M W F	23	PSYCH BLDG		
		C	10	TU	21	PSYCH BLDG		
71619	LECT-DISC	D	10	M W F	23	PSYCH BLDG		
		D	11	M	13	PSYCH BLDG		
71626	LECT-DISC	E	10	M W F	23	PSYCH BLDG		
		E	2	M	13	PSYCH BLDG		
71633	LECT-DISC	F	10	M W F	23	PSYCH BLDG		
		F	3	M	13	PSYCH BLDG		

PSYCH 135 STATISTICAL THINKING IN PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171
MATH. 161, OR PSYCH. 235.
*3 HOURS.

71641	LECT	A	11	M W F	17	PSYCH BLDG		
71658	LECT	B	3-420	TU TH	17	PSYCH BLDG		CAMPIONE

PSYCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: DRUG USAGE: BIOLOGY AND SOCIAL POLICY.

71665	DISC	A	ARR	
71672	DISC	B	ARR	
71680	DISC	C	ARR	
71697	DISC	D	ARR	
71708	DISC	E	ARR	
71715	DISC	F	ARR	
71722	DISC	G	ARR	LIEBERMAN
71730	DISC	H	ARR	MONTAGUE
71747	DISC	J	ARR	L. COHEN
71754	DISC	K	ARR	BREWER
71761	DISC	L	ARR	COSTIN
71779	DISC	M	ARR	MONTANELLI

COURSES FOR ADVANCED UNDERGRADUATES

PSYCH 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.
*4 HOURS.
STUDENT ENROLLS IN ONE COMBINATION DISCUSSION-LECTURE.
SECTIONS &D, &E, &F AND &G ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. FOURTH HOUR TO BE ARRANGED FOR HONORS SECTION ONLY.

71786	LECT-DISC	A1	9	M W F	66	LIB
		A1	8	M	27	PSYCH BLDG
71793	LECT-DISC	A2	9	M W F	66	LIB
		A2	10	M	27	PSYCH BLDG
71804	LECT-DISC	A3	9	M W F	66	LIB
		A3	11	M	27	PSYCH BLDG
71811	LECT-DISC	A4	9	M W F	66	LIB
		A4	1	M	27	PSYCH BLDG
71829	LECT-DISC	A5	9	M W F	66	LIB
		A5	2	M	27	PSYCH BLDG
71836	LECT-DISC	A6	9	M W F	66	LIB
		A6	3	M	27	PSYCH BLDG
71843	LECT-DISC	A7	9	M W F	66	LIB
		A7	8	TU	27	PSYCH BLDG
71851	LECT-DISC	A8	9	M W F	66	LIB
		A8	9	TU	27	PSYCH BLDG
71868	LECT-DISC	A9	9	M W F	66	LIB
		A9	10	TU	27	PSYCH BLDG
71875	LECT-DISC	A10	9	M W F	66	LIB
		A10	11	TU	27	PSYCH BLDG
71882	LECT-DISC	B1	12	M W F	112	G H
		B1	1	TU	27	PSYCH BLDG
71890	LECT-DISC	B2	12	M W F	112	G H
		B2	2	TU	27	PSYCH BLDG
71901	LECT-DISC	B3	12	M W F	112	G H
		B3	3	TU	27	PSYCH BLDG
71918	LECT-DISC	B4	12	M W F	112	G H
		B4	4	TU	27	PSYCH BLDG
71925	LECT-DISC	B5	12	M W F	112	G H
		B5	8	W	27	PSYCH BLDG
71932	LECT-DISC	B6	12	M W F	112	G H
		B6	9	W	27	PSYCH BLDG
71940	LECT-DISC	B7	12	M W F	112	G H
		B7	10	W	27	PSYCH BLDG
71957	LECT-DISC	B8	12	M W F	112	G H
		B8	11	W	27	PSYCH BLDG
71964	LECT-DISC	B9	12	M W F	112	G H
		B9	1	W	27	PSYCH BLDG
71971	LECT-DISC	B10	12	M W F	112	G H
		B10	2	W	27	PSYCH BLDG
71989	LECT-DISC	C1	4	M W F	100	M M B
		C1	3	W	27	PSYCH BLDG
71996	LECT-DISC	C2	4	M W F	100	M M B
		C2	8	TH	27	PSYCH BLDG
72009	LECT-DISC	C3	4	M W F	100	M M B
		C3	9	TH	27	PSYCH BLDG
72016	LECT-DISC	C4	4	M W F	100	M M B
		C4	10	TH	27	PSYCH BLDG
72023	LECT-DISC	C5	4	M W F	100	M M B
		C5	11	TH	27	PSYCH BLDG

PSYCH 201 CONTINUED

72031	LECT-DISC	C6	4	M W F	100	M M B		
		C6	1	TH	27	PSYCH BLDG		
72048	LECT-DISC	C7	4	M W F	100	M M B		
		C7	2	TH	27	PSYCH BLDG		
72055	LECT-DISC	C8	4	M W F	100	M M B		
		C8	3	TH	27	PSYCH BLDG		
72062	LECT-DISC	C9	4	M W F	100	M M B		
		C9	4	TH	27	PSYCH BLDG		
72070	LECT-DISC	C10	4	M W F	100	M M B		
		C10	11	F	27	PSYCH BLDG		
72087	LECT	&D	[illegible]	M W F	207	PSYCH BLDG		
72094	LECT	&E	9	M W F	207	PSYCH BLDG		
72105	LECT	&F	3-420	TU TH	21	PSYCH BLDG	WICKER	
72112	LECT	&G	11	M W F	207	PSYCH BLDG		

PSYCH 211 PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSL. 103 OR ZOOL. 104; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
3 HOURS.
*SECTIONS 2, 4, 6, 8, 10, AND 12 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS 1, 3, 5, 7, 9, 11.

72169	LAB-DISC	*1	2	TU TH	17	PSYCH BLDG	DONCHIN	
		*1	10-12	M	258	PSYCH BLDG		
72120	LAB-DISC	*2	2	TU TH	17	PSYCH BLDG		
		*2	10-12	M	258	PSYCH BLDG		
72176	LAB-DISC	*3	2	TU TH	17	PSYCH BLDG		
		*3	10-12	TU	258	PSYCH BLDG		
72137	LAB-DISC	*4	2	TU TH	17	PSYCH BLDG		
		*4	10-12	TU	258	PSYCH BLDG		
72183	LAB-DISC	*5	2	TU TH	17	PSYCH BLDG		
		*5	10-12	W	258	PSYCH BLDG		
72144	LAB-DISC	*6	2	TU TH	17	PSYCH BLDG		
		*6	10-12	W	258	PSYCH BLDG		
72191	LAB-DISC	*7	2	TU TH	17	PSYCH BLDG		
		*7	10-12	TH	258	PSYCH BLDG		
72151	LAB-DISC	*8	2	TU TH	17	PSYCH BLDG		
		*8	10-12	TH	258	PSYCH BLDG		

PSYCH 216 CHILD PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
3 HOURS.
*SECTIONS &E AND &F ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

72201	LECT	A	9	M W F	100	G H		MONTANELLI
72219	LECT	B	10	M W F	100	G H		MONTANELLI
72226	LECT	C	3-5	M W	112	G H		WEIR
72233	LECT	D	3	M W F	114	D K H		GRIMM
72241	LECT	*&E	10	M W F	508	PSYCH BLDG		L. COHEN
72258	LECT	*&F	1	M W F	508	PSYCH BLDG		

PSYCH 217 COMPARATIVE DEVELOPMENT.
PREREQUISITE: PSYCH. 100, 103, OR 105.
3 HOURS.

72265	LECT		9	M W F	17	PSYCH BLDG		

PSYCH 230 PERCEPTION.
PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
3 HOURS.
*SECTIONS 2, 4, AND 6 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1, 3, AND 5.

72308	LECT	*1	1-220	M W	32	PSYCH BLDG	ROBINSON	
72272	LECT	*2	1-220	M W	32	PSYCH BLDG	ROBINSON	
72315	LECT	*3	9-1020	TU TH	32	PSYCH BLDG	SHAW	
72280	LECT	*4	9-1020	TU TH	32	PSYCH BLDG	SHAW	
72322	LECT	*5	1-220	TU TH	32	PSYCH BLDG		
72297	LECT	*6	1-220	TU TH	32	PSYCH BLDG		

PSYCH 235 STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH.
PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
*ONLY 1 HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN ECON. 170 OR 171, MATH. 161 OR PSYCH. 135.
*4 HOURS.
*SECTIONS 2, 4, 6 AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN 1, 3, 5, OR 7.

72379	LECT	*1	11	MTUWTH	31	PSYCH BLDG	HALFF
72330	LECT	*2	11	MTUWTH	31	PSYCH BLDG	
72386	LECT	*3	3-5	TU TH	32	PSYCH BLDG	LEWIS & JONES
72347	LECT	*4	3-5	TU TH	32	PSYCH BLDG	
72393	LECT	*5	11	MTUWTH	32	PSYCH BLDG	WILLIGES
72354	LECT	*6	11	MTUWTH	32	PSYCH BLDG	
72404	LECT	*7	3-5	TU TH	31	PSYCH BLDG	SHAW
72361	LECT	*8	3-5	TU TH	31	PSYCH BLDG	

PSYCH 245 INDUSTRIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS.
3 HOURS.

72411	LECT	A	10	M W F	32	PSYCH BLDG	HULIN
72429	LECT	B	8	M W F	17	PSYCH BLDG	

PSYCH 248 LEARNING.
PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
3 HOURS.
*SECTIONS 2 AND 4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1 OR 3.

72451	LECT	*1	12	M W F	223	G H	LIEBERMAN
72436	LECT	*2	12	M W F	223	G H	LIEBERMAN
72468	LECT	*3	3	M W F	223	G H	MONTAGUE
72443	LECT	*4	3	M W F	223	G H	MONTAGUE

PSYCH 250 PSYCHOLOGY OF PERSONALITY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 150 AND 250.
*3 HOURS.
SECTIONS &D AND &E ARE OFFERED IN THE SPECIAL INTEREST OF, AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER.

72475	LECT	A	11	M W F	100	G H	CLORE
72482	LECT	B	2	M W F	100	G H	COLES
72490	LECT	C	4	M W F	100	G H	& WIGGINS
72501	LECT	&D	1	M W F	207	PSYCH BLDG	RAPPAPORT
72518	LECT	&E	2	M W F	207	PSYCH BLDG	N. WIGGINS

PSYCH 258 HUMAN PERFORMANCE IN MAN-MACHINE SYSTEMS.
PREREQUISITE: PSYCH. 100, 103, 105.
3 HOURS.

72525	LECT		9	M W F	29	PSYCH BLDG	ADAMS

PSYCH 292 HONORS, II.
PREREQUISITE: PSYCH. 291.
2 TO 4 HOURS.

72532	LECT-DISC		ARR	MALPASS

PSYCH 293 INDIVIDUAL TOPICS.
PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF 3.75.
2 TO 4 HOURS.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
STUDENT MUST SUPPLY PSYCHOLOGY DEPARTMENT OFFICE, 308 PSYCHOLOGY BUILDING, NAME OF STAFF MEMBER WITH WHOM THEY ARE REGISTERED. REGISTRATION IS NOT COMPLETE WITHOUT THIS INFORMATION AND GRADE WILL NOT BE GIVEN.

72540	CONF	A	ARR
72557	CONF	B	ARR
72564	CONF	C	ARR
72571	CONF	D	ARR

PSYCH 306 QUANTITATIVE METHODS, I.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 135 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

72589	LAB-DISC	A	9-11	TU TH	31	PSYCH BLDG	BOGARTZ
		A	ARR				
72596	LAB-DISC	B	1-3	TU TH	31	PSYCH BLDG	TATSUOKA
		B	ARR				

PSYCH 311 LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1.

72614	LAB-DISC	*1	11	TU TH	21	PSYCH BLDG	MEAD
72607	LAB-DISC	*2	11	TU TH	21	PSYCH BLDG	MEAD

PSYCH 326 MOTIVATION AND EMOTION.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT.

72621	LECT		12	M W F	213	G H

PSYCH 330 EXPERIMENTAL PSYCHOLOGY, I.
PREREQUISITE: PSYCH. 230 AND 235, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS OR 1/2 UNIT.
SECTIONS 2, 4, 6 AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR SECTIONS 1, 3, 5 OR 7.

72678	LAB-DISC	*1	9	TU TH	17	PSYCH BLDG	TRAHIOTIS
		*1	10-12	M W	289	PSYCH BLDG	TRAHIOTIS
72639	LAB-DISC	*2	9	TU TH	17	PSYCH BLDG	
		*2	10-12	M W	289	PSYCH BLDG	
72685	LAB-DISC	*3	9	TU TH	17	PSYCH BLDG	
		*3	1-3	M W	289	PSYCH BLDG	
72646	LAB-DISC	*4	9	TU TH	17	PSYCH BLDG	
		*4	1-3	M W	289	PSYCH BLDG	
72692	LAB-DISC	*5	9	TU TH	17	PSYCH BLDG	
		*5	10-12	TU TH	289	PSYCH BLDG	
72653	LAB-DISC	*6	9	TU TH	17	PSYCH BLDG	
		*6	10-12	TU TH	289	PSYCH BLDG	
72703	LAB-DISC	*7	9	TU TH	17	PSYCH BLDG	
		*7	1-3	TU TH	289	PSYCH BLDG	
72661	LAB-DISC	*8	9	TU TH	17	PSYCH BLDG	
		*8	1-3	TU TH	289	PSYCH BLDG	

PSYCH 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
SAME AS SOC. 332.
PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS A2, A4, A6, A8, B2 AND B4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR A1, A3, A5, A7, B1 OR B3.

72774	LAB-DISC	*A1	1	TU TH	17	PSYCH BLDG
		*A1	8-10	M W	151	PSYCH BLDG
72711	LAB-DISC	*A2	1	TU TH	17	PSYCH BLDG
		*A2	8-10	M W	151	PSYCH BLDG
72781	LAB-DISC	*A3	1	TU TH	17	PSYCH BLDG
		*A3	10-12	M W	151	PSYCH BLDG
72728	LAB-DISC	*A4	1	TU TH	17	PSYCH BLDG
		*A4	10-12	M W	151	PSYCH BLDG
72799	LAB-DISC	*A5	1	TU TH	17	PSYCH BLDG
		*A5	8-10	TU TH	151	PSYCH BLDG
72735	LAB-DISC	*A6	1	TU TH	17	PSYCH BLDG
		*A6	8-10	TU TH	151	PSYCH BLDG
72800	LAB-DISC	*A7	1	TU TH	17	PSYCH BLDG
		*A7	10-12	TU TH	151	PSYCH BLDG
72742	LAB-DISC	*A8	1	TU TH	17	PSYCH BLDG
		*A8	10-12	TU TH	151	PSYCH BLDG
72817	LAB-DISC	*B1	11	TU TH	29	PSYCH BLDG
		*B1	1-3	M W	151	PSYCH BLDG
72750	LAB-DISC	*B2	11	TU TH	29	PSYCH BLDG
		*B2	1-3	M W	151	PSYCH BLDG
72824	LAB-DISC	*B3	11	TU TH	29	PSYCH BLDG
		*B3	1-3	TU TH	151	PSYCH BLDG
72767	LAB-DISC	*B4	11	TU TH	29	PSYCH BLDG
		*B4	1-3	TU TH	151	PSYCH BLDG

PSYCH 335 MATHEMATICAL FORMULATIONS IN PSYCHOLOGICAL THEORY.
PREREQUISITE: ELEMENTARY STATISTICS OR PROBABILITY, ELEMENTARY CALCULUS, AND SIX HOURS OF PSYCHOLOGY, OR PERMISSION OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

72831	LECT		10	M W F	13	PSYCH BLDG	HALFF

PSYCH 338 ABNORMAL PSYCHOLOGY.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY, JUNIOR STANDING EXCEPT FOR THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS &C, &D, AND &E ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

72849	LECT	A	1	M W F	66	LIB	BERNSTEIN
72856	LECT	B	3	M W F	103	M H	
72863	LECT	*&C	9	M W F	21	PSYCH BLDG	JONIETZ
72871	LECT	*&D	12	M W F	207	PSYCH BLDG	ULLMANN
72888	LECT	*&E	10	M W F	608	PSYCH BLDG	WAGMAN

PSYCH 339 COMMUNITY PSYCHOLOGY.
PREREQUISITE: SOPHOMORE STANDING; PSYCH. 100, 103, OR 105.
3 HOURS, OR 1/2 OR 1 UNIT.

72895	LECT		12	M W F	L H THEATRE		O'CONNOR

PSYCH 346 BEHAVIOR GENETICS.
PREREQUISITE: PSYCH. 100, 103, OR 105 AND A COURSE IN STATISTICS, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS 2 AND 4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS 1 OR 3.

72921	LAB-DISC	*1	11	TU TH	13	PSYCH BLDG	HIRSCH
		*1	1-3	M W	275	PSYCH BLDG	
72906	LAB-DISC	*2	11	TU TH	13	PSYCH BLDG	
		*2	1-3	M W	275	PSYCH BLDG	
72938	LAB-DISC	*3	11	TU TH	13	PSYCH BLDG	
		*3	1-3	TU TH	275	PSYCH BLDG	
72913	LAB-DISC	*4	11	TU TH	13	PSYCH BLDG	
		*4	1-3	TU TH	275	PSYCH BLDG	

PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY.
SAME AS COMM. 351 AND SOC. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.
3 HOURS, OR 1/2 OR 1 UNIT.

72945	LECT		10	M W F	29	PSYCH BLDG

PSYCH 352 ATTITUDE THEORY AND MEASUREMENT.
SAME AS SOC. 352 AND COMM. 352.
PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT.

72952	LECT		1	M W F	13	PSYCH BLDG

PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY.
SAME AS L.I.R. 355.
PREREQUISITE: PSYCH. 201 OR 357.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1.

72977	LECT	*1	11	M W F	29	PSYCH BLDG	TRIANDIS
72960	LECT	*2	11	M W F	29	PSYCH BLDG	TRIANDIS

PSYCH 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
SAME AS L.I.R. 357.
PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
*NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.
*3 HOURS, OR 1/2 OR 1 UNIT.
SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1.

72991	LECT	*1	1	M W F	29	PSYCH BLDG	HOEL
72984	LECT	*2	1	M W F	29	PSYCH BLDG	

PSYCH 360 MODERN VIEWPOINTS IN PSYCHOLOGY.
PREREQUISITE: SENIOR STANDING, 9 HOURS OF PSYCHOLOGY WITH AN AVERAGE GRADE OF B, WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

73004	LECT	2	M W F	29	PSYCH BLDG		

PSYCH 361 ADVANCED DEVELOPMENTAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 216 OR 217 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 TO 1 UNIT.

73011	LECT	10	M W F	31	PSYCH BLDG		HUNT

PSYCH 371 PSYCHOLOGICAL FACTORS IN POLITICAL BEHAVIOR.
PREREQUISITE: SIX HOURS BEYOND 100-LEVEL COURSES IN PSYCHOLOGY, POLITICAL SCIENCE, OR SOCIOLOGY.
3 HOURS, OR 1/2 TO 1 UNIT.

73029	LECT	2	M W F	124	BUR HALL		FISHBEIN

PSYCH 373 HUMAN DEVELOPMENT IN CROSS-CULTURAL PERSPECTIVE.
SAME AS ANTH. 373.
PREREQUISITE: SIX HOURS OF ANTHROPOLOGY, SOCIOLOGY OR PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

73036	LECT	3	M W F	32	PSYCH BLDG		MALPASS

PSYCH 390 PSYCHOLOGICAL TESTS AND MEASUREMENTS.
PREREQUISITE: PSYCH. 235.
4 HOURS OR 1 UNIT.
*SECTIONS 2, 4, 6 AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN 1, 3, 5 OR 7.

73082	LAB-DISC	*1	9	M W	32	PSYCH BLDG	HULIN
		*1	9-11	TU TH	13	PSYCH BLDG	
73043	LAB-DISC	*2	9	M W	32	PSYCH BLDG	HULIN
		*2	9-11	TU TH	13	PSYCH BLDG	
73090	LAB-DISC	*3	9	M W	32	PSYCH BLDG	HULIN
		*3	1-3	TU TH	13	PSYCH BLDG	
73051	LAB-DISC	*4	9	M W	32	PSYCH BLDG	HULIN
		*4	1-3	TU TH	13	PSYCH BLDG	
73101	LAB-DISC	*5	9	M W	32	PSYCH BLDG	HULIN
		*5	3-5	TU TH	13	PSYCH BLDG	
73068	LAB-DISC	*6	9	M W	32	PSYCH BLDG	HULIN
		*6	3-5	TU TH	13	PSYCH BLDG	
73118	LAB-DISC	*7	9	M W	32	PSYCH BLDG	HULIN
		*7	3-5	M W	207	PSYCH BLDG	
73075	LAB-DISC	*8	9	M W	32	PSYCH BLDG	HULIN
		*8	3-5	M W	207	PSYCH BLDG	

COURSES FOR GRADUATES

NOTE: THE PREREQUISITES STATED APPLY TO GRADUATE MAJORS IN PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES WITHOUT HAVING MET ALL OF THE PREREQUISITES.

PSYCH 402 SYSTEMATIC PSYCHOLOGY.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
1 UNIT.

73125	LECT	9-11	TU	29	PSYCH BLDG		DULANY

PSYCH 404 PROSEMINAR IN GENERAL PSYCHOLOGY, II.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
1 UNIT.

73132	LECT	3-5	TUWTH	29	PSYCH BLDG		

PSYCH 408 DESIGN OF EXPERIMENTS IN PSYCHOLOGY.
PREREQUISITE: PSYCH. 307.
1 UNIT.

73140	LECT	1-3	F	27	PSYCH BLDG		

PSYCH 409 PSYCHOLOGICAL SCALING.
SAME AS SOC. 409.
PREREQUISITE: PSYCH. 307.
1 UNIT.

73157	LECT	9-11	F	27	PSYCH BLDG		JONES

PSYCH 411 ADVANCED PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 311 OR EQUIVALENT.
1 UNIT.

73164	LECT		1-3	TU	21	PSYCH BLDG	GREENOUGH
	LAB		ARR				

PSYCH 417 EXPERIMENTAL PSYCHOLOGY OF LEARNING, I: BASIC PROCESSES.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
1 UNIT.

73171	LECT		1-3	TH	21	PSYCH BLDG	MAIER
	LAB		ARR				

PSYCH 419 ADVANCED COMPARATIVE PSYCHOLOGY.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY OR BIOLOGY.
1 UNIT.

73189	LECT		9-11	TH	21	PSYCH BLDG	GREENOUGH
	LAB		ARR				

PSYCH 425 PSYCHOLINGUISTICS.
SAME AS COMM. AND LING. 425.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

73196	LECT		2-4	W	13	PSYCH BLDG	OSGOOD

PSYCH 435 MOTIVATION AND MORALE IN INDUSTRY.
SAME AS L.I.R. 435.
PREREQUISITE: FOUR UNITS OF GRADUATE CREDIT IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
1 UNIT.

73207	LECT		1-3	TU	29	PSYCH BLDG	BLOOD

PSYCH 438 INTRODUCTION TO CLINICAL PSYCHOLOGY, I.
PREREQUISITE: GRADUATE STANDING IN CLINICAL PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT.

73214	LECT		10-12	TH	17	PSYCH BLDG	

PSYCH 440 FUNCTIONAL ANALYSIS OF BEHAVIOR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

73221	LECT		3-5	M	17	PSYCH BLDG	STEINMAN

PSYCH 441 PERSONALITY AND BEHAVIOR DYNAMICS.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY.
*GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441.
*1/2 UNIT.

73239	LECT	A	10-12	TU	508	PSYCH BLDG	COLES
73246	LECT	B	2-4	M	508	PSYCH BLDG	CLORE

PSYCH 443 PSYCHODIAGNOSTICS, I.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING PSYCH. 390 OR EQUIVALENT; PSYCH. 439.
1 UNIT.

73253	LECT		8-12	TU	26	C R C	

PSYCH 445 BEHAVIOR MODIFICATION.
PREREQUISITE: PSYCH. 444, WITH ENROLLMENT IN PSYCH. 447 RECOMMENDED.
1/2 UNIT.

73261	LECT		1-5	W	26	C R C	

PSYCH 446 LABORATORIES IN CLINICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 445.
1/2 TO 1 UNIT.
*SECTION K IS THE FIRST SEMESTER OF A TWO SEMESTER SEQUENCE CONCERNED WITH INTEGRITY GROUPS; 1 UNIT. ONLY PREREQUISITE FOR SECTION K IS THE CONSENT OF THE INSTRUCTOR.
SECTION K MAY BE TAKEN AS A 493 SEMINAR BY GRADUATE STUDENTS IN OTHER DEPARTMENTS.

73278	LAB	A	ARR		26	C R C		
73285	LAB	B	ARR		26	C R C		
73292	LAB	C	ARR		26	C R C		
73303	LAB	D	ARR		26	C R C		
73311	LAB	E	ARR		26	C R C		
73328	LAB	F	ARR		26	C R C		
73335	LAB	G	ARR		26	C R C		
73342	LAB	H	ARR		26	C R C		
73350	LAB	J	ARR		26	C R C		
73367	LAB	*K	12-2	M	815	PSYCH BLDG		MOWRER

PSYCH 447 INTERNSHIP.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.

73374	LAB		ARR		26	C R C	

PSYCH 449 MEDICINE IN CLINICAL PSYCHOLOGY.
PREREQUISITE: SECOND YEAR GRADUATE STANDING IN CLINICAL PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

73381	LECT-DISC	10-12	W	26	C R C		LITTLE

PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
SAME AS COMM. 456.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
1 UNIT.

73399	LECT	1-3	TH	29	PSYCH BLDG		FISHBEIN

PSYCH 457 THEORY AND RESEARCH IN ORGANIZATIONAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 455 OR CONSENT OF INSTRUCTOR.
1 UNIT.

73400	LECT	9-1020	TU TH	207	PSYCH BLDG		HOEL

PSYCH 459 LEADERSHIP AND GROUP EFFECTIVENESS.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
1 UNIT.

73417	LECT	1-3	TU	207	PSYCH BLDG		DAVIS

PSYCH 460 MOTIVATION AND PERSONALITY DEVELOPMENT IN CHILDREN.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT.

73424	LECT	1-3	TH	207	PSYCH BLDG		

PSYCH 464 SOCIAL PERCEPTION.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
1 UNIT.

73431	LECT	3-5	TU	207	PSYCH BLDG		

PSYCH 467 PERSONALITY ASSESSMENT.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT.
1 UNIT.

73449	LECT	3-5	TH	207	PSYCH BLDG		J. WIGGINS

PSYCH 468 CONTEMPORARY BEHAVIOR THEORY.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, CONSENT OF INSTRUCTOR.
1 UNIT.

73456	LECT	3-5	M	29	PSYCH BLDG		ADAMS

PSYCH 470 PRINCIPLES AND METHODS OF TEACHING PSYCHOLOGY.
PREREQUISITE: SECOND-YEAR GRADUATE STANDING IN PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

73463	LECT	10-12	TU	17	PSYCH BLDG		COSTIN

PSYCH 490 INDIVIDUAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
STUDENTS MUST SUPPLY PSYCHOLOGY DEPARTMENT OFFICE, 308 PSYCHOLOGY BUILDING, NAME OF STAFF MEMBER WITH WHOM THEY ARE REGISTERED.
REGISTRATION IS NOT COMPLETE WITHOUT THIS INFORMATION AND GRADE WILL NOT BE GIVEN.

73471	LECT	A	ARR					
73488	LECT	B	ARR					
73495	LECT	C	ARR					
73506	LECT	D	ARR					
73513	LECT	E	ARR					MCGRATH
73521	LECT	F	ARR					J. COHEN
73538	LECT	G	ARR					PERSONALITY

PSYCH 493 SEMINAR.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY.
STUDENTS MUST SUPPLY PSYCHOLOGY DEPARTMENT OFFICE, 308 PSYCHOLOGY BUILDING, NAME OF STAFF MEMBER WITH WHOM THEY ARE REGISTERED.
REGISTRATION IS NOT COMPLETE WITHOUT THIS INFORMATION AND GRADE WILL NOT BE GIVEN.

73545	LECT	A	ARR					MOWRER
73552	LECT	B	ARR					LEARNING
73560	LECT	C	ARR					COGNITIVE
73577	LECT	D	ARR					PSYCHOLING
73584	LECT	E	ARR					DEVELOPMENTAL
73591	LECT	F	ARR					QUANTITATIVE
73602	LECT	G	ARR					PERSONALITY
73610	LECT	H	ARR					PHYSIOLOGICAL
73627	LECT	J	ARR					PERCEPTION
73634	LECT	K	ARR					SOCIAL
73641	LECT	L	ARR					GENETICS
73659	LECT	M	ARR					ENGINEERING
73666	LECT	N	ARR					INDUSTRIAL
73673	LECT	O	ARR					HOEL
73681	LECT	P	ARR					SCOTT
73698	LECT	Q	ARR					BOGARTZ
73709	LECT	R	ARR					ULLMANN
73716	LECT	S	ARR					HIRSCH
73723	LECT	T	ARR					MALPASS
73731	LECT	U	ARR					BREWER
73748	LECT	V	11	W	F	508	PSYCH BLDG	WAGMAN
73755	LECT	W	ARR					LEWIS
73762	LECT	X	ARR					
73770	LECT	Y	ARR					
73787	LECT	Z	ARR					

PSYCH 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
SAME AS ED. PSY. AND SOC. 494.
PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR.
1 UNIT.

73794	LECT		10-12	TH	508	PSYCH BLDG	TUCKER

PSYCH 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A IS FOR M.A. THESIS. SECTION B IS FOR PH. D. THESIS.

73805	LECT	*A	ARR
73812	LECT	*B	ARR

DEPARTMENT OFFICE 121B G H

COURSES FOR ADVANCED UNDERGRADUATES

R TV 252 TELEVISION LABORATORY.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.
*LECTURE A1 AND LAB SECTIONS B1 AND L1 ARE FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE A2 AND LAB SECTIONS B2 AND L2.

73820	LECT	*A1	8	M	225	G H	
73851	LECT	*A2	8	M	225	G H	
73837	LAB	*B1	8-10	W F	B	T V BLDG	
73869	LAB	*B2	8-10	W F	B	T V BLDG	
73844	LAB	*L1	8-10	TU TH	B	T V BLDG	
73876	LAB	*L2	8-10	TU TH	B	T V BLDG	

R TV 261 PRINCIPLES OF RADIO AND TELEVISION BROADCASTING.
2 HOURS.

73883	LECT	10	TU TH	66	LIB	WELCH

R TV 263 RADIO AND TELEVISION ANNOUNCING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.

73891	LECT-DISC	8-10	TU TH	233	G H	

R TV 267 RADIO PRODUCTION AND DIRECTION.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.

73901	LECT	8	M	233	G H	
	LAB	8-10	W F	233	G H	

R TV 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS THEAT. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

73919	LECT-DISC	E	1-3	TU	A	ENSEMBLE KRAN
		E	1	TH	A	ENSEMBLE KRAN
73926	LECT-DISC	R	1	W	A	ENSEMBLE KRAN
		R	1-3	F	A	ENSEMBLE KRAN

R TV 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS.

73933	CONF	APR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R TV 354 TELEVISION DIRECTING.
PREREQUISITE: R. TV. 252; CONSENT OF HEAD OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.
*SECTION B1 IS FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.

73941	LAB-DISC	*B1	9	M	225	G H	
		*B1	8-10	W F	A	T V BLDG	
73958	LAB-DISC	*B2	9	M	225	G H	
		*B2	8-10	W F	A	T V BLDG	

R TV 355 TELEVISION NEWS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

73965	LECT-DISC	10	M	225	G H		LIPPOLD
	LAB	10-12	W F	225	G H		LIPPOLD

R TV 356 CINEMATOGRAPHY FOR TELEVISION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

73972	LECT	M	9-11	TU	501	S WRIGHT	HALL
	LAB	M	8-11	TH	501	S WRIGHT	HALL
73980	LECT	R	1-3	TU	501	S WRIGHT	HALL
	LAB	R	1-4	TH	501	S WRIGHT	HALL

R TV 357 BROADCAST CONTINUITY WRITING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

73997	LECT-DISC		1	M W F	225	G H		LIPPOLD

R TV 362 RADIO AND TELEVISION STATION MANAGEMENT.
PREREQUISITE: R. TV. 261, SENIOR STANDING.
2 HOURS OR 1/2 UNIT.

74000	LECT-DISC		9	TU TH	225	G H		MULLALLY

R TV 365 RADIO NEWS.
PREREQUISITE: JOURN. 211.
3 HOURS OR 1/2 UNIT.

74017	LECT		2	M	225	G H		CRAMER
74024	LAB	A	2-4	W F	225	G H		CRAMER
74031	LAB	B	2-4	TU TH	225	G H		CRAMER

R TV 366 ADVANCED RADIO AND TELEVISION PRACTICES, I.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

74049	CONF	A	ARR					
74056	CONF	B	ARR					CRAMER
74063	CONF	C	ARR					DOUGLASS
74071	CONF	D	ARR					HALL
74088	CONF	E	ARR					LIPPOLD
74095	CONF	F	ARR					MULLALLY

R TV 367 ADVANCED RADIO AND TELEVISION PRACTICES, II.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

74106	CONF	A	ARR					
74113	CONF	B	ARR					CRAMER
74121	CONF	C	ARR					DOUGLASS
74138	CONF	D	ARR					HALL
74145	CONF	E	ARR					LIPPOLD
74152	CONF	F	ARR					MULLALLY

R TV 368 RADIO AND TELEVISION REGULATIONS.
PREREQUISITE: SENIOR STANDING.
2 HOURS OR 1/2 UNIT.

74160	LECT-DISC		10	TU TH	113	G H		DOUGLASS

COURSES FOR GRADUATES

R TV 450 SPECIAL PROBLEMS IN TELEVISION.
PREREQUISITE: A TELEVISION COURSE IN THE AREA OF SPECIALIZATION, CONSENT OF INSTRUCTOR.
1/2 TO 3 UNITS.

74177	CONF	A	ARR					
74184	CONF	B	ARR					CRAMER
74191	CONF	C	ARR					DOUGLASS
74202	CONF	D	ARR					HALL
74210	CONF	E	ARR					LIPPOLD
74227	CONF	F	ARR					MULLALLY

R TV 451 TELEVISION PROGRAM MANAGEMENT AND PRODUCTION.
PREREQUISITE: COURSE OR EXPERIENCE IN TELEVISION DIRECTING AND PRODUCTION, CONSENT OF INSTRUCTOR.
1 UNIT.

74234	LECT-DISC		3	TU TH	325	G H		WELCH

R TV 462 SEMINAR IN RADIO AND TELEVISION.
SAME AS COMM. 462.
1 UNIT.

74241	LECT-DISC		3-5	M	123	G H		DOUGLASS

R TV 490 SPECIAL TOPICS IN RADIO AND TELEVISION.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT.

74259	CONF	G	3-5	W	304	G H		DOUGLASS
74266	CONF	H	7-9PM	W	123	G H		MULLALLY
74273	CONF	L	ARR					WELCH

R TV 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN RADIO AND TELEVISION.
1 OR 2 UNITS.

74281	CONF		ARR					WELCH

RECREATION AND PARK ADMINISTRATION

DEPARTMENT OFFICE 104 HUFF GYM

COURSES FOR UNDERGRADUATES

REC 100 LEISURE: ITS USES AND RESOURCES.
4 HOURS.

74298	LECT		9	M W		196	L H	LOWREY
	LAB		3-5	TU		ARR		
74309	DISC	A	9		F	154	ARMORY	
74316	DISC	B	9		F	207	H G	
74323	DISC	C	9		F	332	ARMORY	

REC 110 THEORIES AND METHODS OF LEADERSHIP.
PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

74331	LECT-DISC		11	M	F	393	BEV HALL	
	LAB		11-1	W		393	BEV HALL	

REC 140 PRINCIPLES OF CAMPING.
3 HOURS.
INCLUDES FIVE PRACTICAL CAMPING SESSIONS WITH BOYS AND GIRLS, 8.30 A.M. TO 12.00 NOON SATURDAYS, OCT. AND NOV.

74348	LECT-DISC		10-1130	TU TH		328	ARMORY	

REC 180 FIELD EXPERIENCE, I.
PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.
0 TO 1 HOUR.

74355	LAB-DISC		1-3	TU		337	ARMORY	GARRET

REC 181 FIELD EXPERIENCE, II.
PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.
0 TO 1 HOUR.

74362	LAB-DISC		1-3	TU		429	ARMORY	GARRET

REC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 6 HOURS.

74370	CONF		ARR					
74387	CONF	G	3-430	M W		154	ARMORY	

COURSES FOR ADVANCED UNDERGRADUATES

REC 200 OBSERVATION TRIP.
PREREQUISITE: MAJOR OR MINOR IN RECREATION.

ESTIMATED COST $20.00.

74394	LAB		ARR					GARRET

REC 210 THEORIES AND METHODS OF SUPERVISION.
PREREQUISITE: REC. 180 AND 181, OR CONSENT OF INSTRUCTOR.
3 HOURS.

74405	LECT-DISC		10	M W F		154	ARMORY	LOWREY

REC 215 RECREATION PROGRAM DEVELOPMENT.
PREREQUISITE: REC. 100 AND 200, OR CONSENT OF INSTRUCTOR.
3 HOURS.

74412	LECT-DISC		830-10	TU TH		145	ARMORY	

REC 230 INTRODUCTION TO THERAPEUTIC RECREATION.
PREREQUISITE: REC. 100, 110, AND 180, OR CONSENT OF INSTRUCTOR.
3 HOURS.

74420	LECT-DISC	9	M W F	145	ARMORY	KENNEDY

REC 240 INTRODUCTION TO OUTDOOR EDUCATION AND RECREATION.
PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

74437	LECT-DISC	3-5	TU TH	207	H G	WEAVER

REC 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

74444	CONF	ARR				STAFF

REC 260 HONORS SEMINAR.
SAME AS H. ED., P. E. W., AND P. E. M. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

74451	LECT-DISC &X1	7-9PM	W	210	FREER GYM	
74469	LECT-DISC &X2	7-9PM	W	15	E B	

REC 280 PRE-PRACTICUM SEMINAR.
PREREQUISITE: REC. 181; JUNIOR STANDING AND CONSENT OF THE SUPERVISOR OF FIELD TRAINING.

74476	LAB-DISC	1-3	TH	337	ARMORY	GARRET

REC 281 PROFESSIONAL FIELD PRACTICUM.
PREREQUISITE: REC. 280.
4 HOURS.

74483	LAB	ARR				GARRET

REC 290 RESEARCH IN RECREATION AND PARKS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS.

74491	LECT-DISC	1-3	TU TH	154	ARMORY	

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

REC 310 INTRODUCTION TO ADMINISTRATION.
PREREQUISITE: REC. 100 AND ADVANCED UNDERGRADUATE STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

74501	LECT-DISC	10-12	M W	349	ARMORY	

REC 321 RECREATIONAL USE OF PUBLIC LANDS.
PREREQUISITE: REC. 100, GEOG. 214, AND ECON 108, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

74519	LECT-DISC	7-10PM	M	133	ARMORY	VAN METER

REC 349 ANALYSIS OF SMALL GROUPS IN PLAY AND SPORT.
SAME AS P. E. 349.
PREREQUISITE: PSYCH. 100 OR 201 OR SOC. 100 OR 201, OR CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

74526	LECT-DISC	10-1130	M W	130	FREER GYM	MARTENS

COURSES FOR GRADUATES

REC 401 FOUNDATIONS OF RECREATION.
PREREQUISITE: REC. 100 OR EQUIVALENT.
1 UNIT.

74533	LECT-DISC	10-12	TU TH	147	ARMORY	SAPORA

REC 403 EVALUATION OF RECREATION RESOURCES AND PROGRAMS.
PREREQUISITE: REC 100 OR 310, OR EQUIVALENT.
1 UNIT.

74541	LECT-DISC	3-5	TU TH	148	ARMORY	BISHOP
	LAB	1-3	W	154	ARMORY	

REC 490 SEMINAR.

74558	CONF	1-3	M	154	ARMORY	SAPORA

REC 493 SPECIAL PROJECTS.
PREREQUISITE: REC. 403 OR EQUIVALENT, RECREATION MAJOR.
1/2 TO 2 UNITS.

74565	CONF	ARR				STAFF
74572	LECT-DISC T	3-5	TU TH	154	ARMORY	

REC 499 THESIS RESEARCH.
0 TO 4 UNITS.

74580	CONF	ARR				STAFF

RELIGIOUS STUDIES

DEPARTMENT OFFICE 361 L H

THE INTERDEPARTMENTAL PROGRAM IN RELIGIOUS STUDIES IS SPONSORED BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND THE DEPARTMENTS OF ANTHROPOLOGY, CLASSICS, HISTORY, PHILOSOPHY, AND SOCIOLOGY. THE DIRECTOR OF THE PROGRAM IS PROFESSOR WILLIAM R. SCHOEDEL OF THE DEPARTMENT OF THE CLASSICS, 361 LINCOLN HALL. STUDENTS WISHING TO STUDY IN THIS AREA SHOULD CONSULT WITH THEIR ADVISERS AND WITH THE DIRECTOR OF THE PROGRAM TO DEVELOP INDIVIDUAL PROGRAMS SUITED TO THEIR NEEDS AND INTERESTS.

MINOR: A MINOR IN RELIGIOUS STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS (INCLUDING RELIGIOUS STUDIES 201 AND 202 AND TWO COURSES IN ASIAN RELIGIOUS TRADITIONS). WITH THE APPROVAL OF THE DIRECTOR OF THE PROGRAM RELEVANT COURSES OTHER THAN THOSE LISTED BELOW MAY BE USED TOWARD A MINOR.

COURSES FOR UNDERGRADUATES

RELST 108 INTRODUCTION TO BIBLICAL HEBREW.
SAME AS HEBR. 110.
4 HOURS.

74597	LECT-DISC A	10	MTUWTH	362	L H	MARBLESTONE

RELST 110 WORLD RELIGIONS.
SAME AS PHIL. 110.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.
STUDENTS ARE REQUIRED TO ATTEND AT LEAST 6 OF THE 15 SPECIAL EVENING SESSIONS WHICH WILL INCLUDE GUEST LECTURERS.

74608	LECT-DISC P	11	TU TH	112	G H	TIEBOUT
	P	7-930PM	TU	112	G H	

RELST 112 ELEMENTARY KOINE GREEK.
SAME AS GRK. 112.
PREREQUISITE: GRK. OR RELST. 111, OR EQUIVALENT.
4 HOURS.

74615	LECT-DISC A	9	MTUWTH	1018	F L B	ROBBINS

COURSES FOR ADVANCED UNDERGRADUATES

RELST 201 INTRODUCTION TO THE OLD TESTAMENT.
SAME AS HUMAN. 201.
OPEN TO SOPHOMORES IN GOOD STANDING.
3 HOURS.

74622	LECT-DISC	A	0	M	W	F	101	ARMORY	MARBLESTONE
74630	LECT-DISC	B	10	M	W	F	66	LIB	SCHOEDEL

RELST 206 THE PARABLES OF JESUS.
PREREQUISITE: HUMAN./RELST. 202.
3 HOURS.

74647	LECT-DISC	A	11	M	W	F	119	E B	ROBBINS

RELST 229 SOCIOLOGY OF RELIGION.
SAME AS SOC. 229.
PREREQUISITE: A COURSE IN INTRODUCTORY SOCIOLOGY.
3 HOURS.

74654	LECT-DISC	A	10	M	W	F	340	L H	

RELST 230 PHILOSOPHY OF RELIGION.
SAME AS PHIL. 230.
3 HOURS.

74661	LECT-DISC	S	230-4	TU	TH		311	G H	ROBISON

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RELST 360 PATRISTIC LATIN.
SAME AS LATIN 360.
PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

74679	LECT-DISC	A	10	M	W	F	162	L H	WALLACH

RELST 371 THE GOSPELS.
SAME AS GRK. 371.
PREREQUISITE: GRK. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

74686	LECT-DISC	A	1	M	W	F	1040	F L B	ROBBINS

RHETORIC
INCLUDING RHETORIC AND COMPOSITION, ENGLISH AS A SECOND LANGUAGE, AND BUSINESS AND TECHNICAL WRITING

RHETORIC AND COMPOSITION

DEPARTMENT OFFICE 100 E B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE (CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300 LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETORIC 143, 144, 205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN ADVISOR'S PERMISSION, SPEECH 363 OR JOURNALISM 326 MAY BE COUNTED TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJOR OF THEIR DEPARTMENT EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS INTENDING TO DO GRADUATE WORK SHOULD CONSULT THE LANGUAGE REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONORS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONORS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR; TO RECEIVE HIGHEST DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IF, IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSE.

COURSES FOR UNDERGRADUATES

RHET 101 FRESHMAN RHETORIC AND COMPOSITION.
3 HOURS.

74693	LECT-DISC	A1	8	M	W	F	201	E	B	
74704	LECT-DISC	A2	[illegible]	M	W	F	205	E	B	
74711	LECT-DISC	A3	8	M	W	F	210B	E	B	
74729	LECT-DISC	B1	9	M	W	F	320	CER		
74736	LECT-DISC	B2	9	M	W	F	248	M	E	B
74743	LECT-DISC	B3	9	M	W	F	156	M	E	B
74751	LECT-DISC	C1	10	M	W	F	320	CER		
74768	LECT-DISC	C2	10	M	W	F	248	M	E	B
74775	LECT-DISC	C3	10	M	W	F	8	C	A	
74782	LECT-DISC	D1	11	M	W	F	320	CER		
74790	LECT-DISC	D2	11	M	W	F	248	M	E	B
74801	LECT-DISC	D3	11	M	W	F	156	M	E	B
74818	LECT-DISC	X1	12	M	W	F	210B	E	B	
74825	LECT-DISC	X2	12	M	W	F	309	E	B	
74832	LECT-DISC	X3	12	M	W	F	248	M	E	B
74840	LECT-DISC	E1	1	M	W	F	210B	E	B	
74857	LECT-DISC	E2	1	M	W	F	209	E	B	
74864	LECT-DISC	E3	1	M	W	F	303	E	B	
74871	LECT-DISC	E4	1	M	W	F	206	D	K	H
74889	LECT-DISC	F1	2	M	W	F	320	CER		
74896	LECT-DISC	F2	2	M	W	F	248	M	E	B
74907	LECT-DISC	F3	2	M	W	F	156	M	E	B
74914	LECT-DISC	G1	3	M	W	F	210B	E	B	
74921	LECT-DISC	G2	3	M	W	F	209	E	B	
74939	LECT-DISC	G3	3	M	W	F	223	E	B	
74946	LECT-DISC	H1	4	M	W	F	205	E	B	
74953	LECT-DISC	H2	4	M	W	F	209	E	B	
74961	LECT-DISC	H3	4	M	W	F	210B	E	B	
74978	LECT-DISC	L1	8-930	TU	TH		270	L	H	
74985	LECT-DISC	L2	8-930	TU	TH		102	L	H	
74992	LECT-DISC	L3	8-930	TU	TH		105	H	H	
75005	LECT-DISC	L4	8-930	TU	TH		223	E	B	
75012	LECT-DISC	L5	8-930	TU	TH		117	E	B	
75020	LECT-DISC	M1	930-11	TU	TH		140	ADMIN		
75037	LECT-DISC	M2	930-11	TU	TH		142	ADMIN		

RHET 101 CONTINUED

75044	LECT-DISC	M3	930-11	TU TH	282	BEV HALL
75051	LECT-DISC	M4	930-11	TU TH	206	D K H
75069	LECT-DISC	M5	930-11	TU TH	333	ARMORY
75076	LECT-DISC	M6	930-11	TU TH	117	E B
75083	LECT-DISC	O1	11-1230	TU TH	303	E B
75091	LECT-DISC	O2	11-1230	TU TH	309	E B
75101	LECT-DISC	O3	11-1230	TU TH	209	E B
75119	LECT-DISC	O4	11-1230	TU TH	205	E B
75126	LECT-DISC	O5	11-1230	TU TH	201	E B
75133	LECT-DISC	O6	11-1230	TU TH	117	E B
75141	LECT-DISC	Q1	1230-2	TU TH	303	E B
75158	LECT-DISC	Q2	1230-2	TU TH	309	E B
75165	LECT-DISC	Q3	1230-2	TU TH	140	ADMIN
75172	LECT-DISC	Q4	1230-2	TU TH	241	ARMORY
75180	LECT-DISC	Q5	1230-2	TU TH	206	D K H
75197	LECT-DISC	Q6	1230-2	TU TH	117	E B
75208	LECT-DISC	U1	2-330	TU TH	105	H H
75215	LECT-DISC	U2	2-330	TU TH	309	E B
75222	LECT-DISC	U3	2-330	TU TH	320	CER
75230	LECT-DISC	U4	2-330	TU TH	209	E B
75247	LECT-DISC	U5	2-330	TU TH	206	D K H
75254	LECT-DISC	Z1	330-5	TU TH	105	H H
75261	LECT-DISC	Z2	330-5	TU TH	309	E B
75279	LECT-DISC	Z3	330-5	TU TH	210B	E B
75286	LECT-DISC	Z4	330-5	TU TH	209	E B
75293	LECT-DISC	Z5	330-5	TU TH	117	E B
75304	LECT-DISC	Z6	330-5	TU TH	206	D K H

RHET 102 FRESHMAN RHETORIC AND COMPOSITION.
PREREQUISITE: RHET. 101.
3 HOURS.

75311	LECT-DISC	E1	1	M W F	320	CER
75329	LECT-DISC	O1	11-1230	TU TH	206	D K H

RHET 108 FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.
PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107.
*CREDIT IS NOT GIVEN FOR RHET. 108 IN ADDITION TO RHET. 102.
*4 HOURS.

75336	LECT-DISC	&A1	8	M W F	252	ADMIN
75343	LECT-DISC	&A2	8	M W F	9	PSYCH BLDG
75351	LECT-DISC	&A3	8	M W F	312	N L
75368	LECT-DISC	&B1	9	M W F	252	ADMIN
75375	LECT-DISC	&B2	9	M W F	9	PSYCH BLDG
75382	LECT-DISC	&B3	9	M W F	312	N L
75390	LECT-DISC	&B4	9	M W F	270	L H
75401	LECT-DISC	&B5	9	M W F	303	E B
75418	LECT-DISC	&B6	9	M W F	1110	F L B
75425	LECT-DISC	&C1	10	M W F	252	ADMIN
75432	LECT-DISC	&C2	10	M W F	9	PSYCH BLDG
75440	LECT-DISC	&C3	10	M W F	312	N L
75457	LECT-DISC	&C4	10	M W F	270	L H
75464	LECT-DISC	&C5	10	M W F	329	ARMORY
75471	LECT-DISC	&C6	10	M W F	145	L H
75489	LECT-DISC	&D1	11	M W F	252	ADMIN
75496	LECT-DISC	&D2	11	M W F	9	PSYCH BLDG
75507	LECT-DISC	&D3	11	M W F	312	N L
75514	LECT-DISC	&D4	11	M W F	109	N L
75521	LECT-DISC	&D5	11	M W F	1024	F L B
75539	LECT-DISC	&D6	11	M W F	303	E B
75546	LECT-DISC	&X1	12	M W F	252	ADMIN
75553	LECT-DISC	&X2	12	M W F	9	PSYCH BLDG
75561	LECT-DISC	&X3	12	M W F	312	N L
75578	LECT-DISC	&X4	12	M W F	109	N L
75585	LECT-DISC	&X5	12	M W F	270	L H
75592	LECT-DISC	&X6	12	M W F	303	E B
75603	LECT-DISC	&E1	1	M W F	252	ADMIN
75611	LECT-DISC	&E2	1	M W F	9	PSYCH BLDG
75628	LECT-DISC	&E3	1	M W F	312	N L
75635	LECT-DISC	&E4	1	M W F	109	N L
75642	LECT-DISC	&E5	1	M W F	270	L H
75650	LECT-DISC	&E6	1	M W F	241	ARMORY
75667	LECT-DISC	&F1	2	M W F	252	ADMIN
75674	LECT-DISC	&F2	2	M W F	9	PSYCH BLDG
75681	LECT-DISC	&F3	2	M W F	312	N L
75699	LECT-DISC	&F4	2	M W F	109	N L
75700	LECT-DISC	&F5	2	M W F	333	ARMORY
75717	LECT-DISC	&F6	2	M W F	143	ARMORY

RHET 108 CONTINUED

75724	LECT-DISC	&F7	2	M	W	F	206	D K H
75731	LECT-DISC	&G1	3	M	W	F	252	ADMIN
75749	LECT-DISC	&G2	3	M	W	F	9	PSYCH BLDG
75756	LECT-DISC	&G3	3	M	W	F	312	N L
75763	LECT-DISC	&G4	3	M	W	F	109	N L
75771	LECT-DISC	&G5	3	M	W	F	241	ARMORY
75788	LECT-DISC	&G6	3	M	W	F	102	L H
75795	LECT-DISC	&G7	3	M	W	F	206	D K H
75806	LECT-DISC	&H1	4	M	W	F	252	ADMIN
75813	LECT-DISC	&H2	4	M	W	F	9	PSYCH BLDG
75821	LECT-DISC	&H3	4	M	W	F	312	N L
75838	LECT-DISC	&H4	4	M	W	F	109	N L
75845	LECT-DISC	&H5	4	M	W	F	270	L H
75852	LECT-DISC	&H6	4	M	W	F	102	L H
75860	LECT-DISC	&L1	8-930	TU TH			252	ADMIN
75877	LECT-DISC	&L2	8-930	TU TH			9	PSYCH BLDG
75884	LECT-DISC	&L3	8-930	TU TH			312	N L
75891	LECT-DISC	&L4	8-930	TU TH			109	N L
75902	LECT-DISC	&M1	930-11	TU TH			252	ADMIN
75910	LECT-DISC	&M2	930-11	TU TH			9	PSYCH BLDG
75927	LECT-DISC	&M3	930-11	TU TH			312	N L
75934	LECT-DISC	&M4	930-11	TU TH			109	N L
75941	LECT-DISC	&M5	930-11	TU TH			210B	E B
75959	LECT-DISC	&M6	930-11	TU TH			102	L H
75966	LECT-DISC	&M7	930-11	TU TH			105	H H
75973	LECT-DISC	&O1	11-1230	TU TH			252	ADMIN
75981	LECT-DISC	&O2	11-1230	TU TH			9	PSYCH BLDG
75998	LECT-DISC	&O3	11-1230	TU TH			312	N L
76001	LECT-DISC	&O4	11-1230	TU TH			109	N L
76018	LECT-DISC	&O5	11-1230	TU TH			210B	E B
76025	LECT-DISC	&O6	11-1230	TU TH			102	L H
76032	LECT-DISC	&O7	11-1230	TU TH			105	H H
76040	LECT-DISC	&Q1	1230-2	TU TH			252	ADMIN
76057	LECT-DISC	&Q2	1230-2	TU TH			9	PSYCH BLDG
76064	LECT-DISC	&Q3	1230-2	TU TH			312	N L
76071	LECT-DISC	&Q4	1230-2	TU TH			109	N L
76089	LECT-DISC	&Q5	1230-2	TU TH			270	L H
76096	LECT-DISC	&Q6	1230-2	TU TH			102	L H
76107	LECT-DISC	&Q7	1230-2	TU TH			105	H H
76114	LECT-DISC	&U1	2-330	TU TH			252	ADMIN
76121	LECT-DISC	&U2	2-330	TU TH			9	PSYCH BLDG
76139	LECT-DISC	&U3	2-330	TU TH			312	N L
76146	LECT-DISC	&U4	2-330	TU TH			109	N L
76153	LECT-DISC	&U5	2-330	TU TH			270	L H
76161	LECT-DISC	&U6	2-330	TU TH			102	L H
76178	LECT-DISC	&Z1	330-5	TU TH			252	ADMIN
76185	LECT-DISC	&Z2	330-5	TU TH			9	PSYCH BLDG
76192	LECT-DISC	&Z3	330-5	TU TH			312	N L
76203	LECT-DISC	&Z4	330-5	TU TH			109	N L
76211	LECT-DISC	&Z5	330-5	TU TH			270	L H
76228	LECT-DISC	&Z6	330-5	TU TH			102	L H

RHET 133 PRINCIPLES OF COMPOSITION.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.
*3 HOURS.

76235	LECT-DISC	A	8	M	W	F	194	L H
76242	LECT-DISC	B	9	M	W	F	194	L H
76250	LECT-DISC	E	1	M	W	F	194	L H
76267	LECT-DISC	K	8	TU TH			194	L H
		K	9	TU			194	L H
76274	LECT-DISC	O	11	TU			194	L H
		O	12	TU TH			194	L H
76281	LECT-DISC	P	1	TU TH			119	E B
		P	2	TH			119	E B

RHET 143 INTERMEDIATE EXPOSITORY WRITING.
PREREQUISITE: A GRADE OF A OR B IN RHET. 102 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR RHET. 143 IN ADDITION TO RHET. 133.
*3 HOURS.

76299	LECT-DISC	A	8	M	W	F	282	BER HALL
76300	LECT-DISC	X	12	M	W	F	320	CER
76317	LECT-DISC	F	2	M	W	F	119	E B
76324	LECT-DISC	G	3	M	W	F	119	E B
76331	LECT-DISC	K	8	TU			118	L H
		K	9	TU TH			118	L H

RHET 144 NARRATIVE WRITING.
PREREQUISITE: RHET. 102 OR EQUIVALENT, SOPHOMORE STANDING.
3 HOURS.

76349	LECT-DISC	B	9	M W F	102D	E	B	
76356	LECT-DISC	C	10	M W F	194	L	H	
76363	LECT-DISC	N	11	TU	240	L	H	
		N	12	TU TH	240	L	H	
76371	LECT-DISC	P1	1	TU TH	102D	E	B	
		P1	2	TU	102D	E	B	
76388	LECT-DISC	P2	1	TU TH	210B	E	B	
		P2	2	TU	210B	E	B	
76395	LECT-DISC	R1	3	TU TH	102D	E	B	
		R1	2	TH	102D	E	B	
76406	LECT-DISC	R2	3	TU TH	194	L	H	
		R2	4	TU	194	L	H	
76413	LECT-DISC	S	4-530	TU TH	119	E	B	

RHET 145 POETRY WRITING.
PREREQUISITE: RHET. 102 OR CONSENT OF INSTRUCTOR.
3 HOURS.

76421	LECT-DISC	P	1	TU TH	307	E	B	
		P	2	TU	307	E	B	
76438	LECT-DISC	R	3	TU TH	230	L	H	
		R	2	TH	230	L	H	

RHET 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

76445	CONF		ARR					STAFF

COURSES FOR ADVANCED UNDERGRADUATES

RHET 202 COMMUNICATIONS WORKSHOP.
3 HOURS.

76452	LECT-DISC	X	12	M W F	140		ADMIN		DAVIS

RHET 205 ADVANCED NARRATIVE WRITING, I.
PREREQUISITE: RHET. 144 OR EQUIVALENT.
3 HOURS.

76460	LECT-DISC	C	10	M W F	102D	E	B		FUMENTO
76477	LECT-DISC	H	4	TU TH	102D	E	B		CURLEY
		H	5	TU	102D	E	B		
76484	LECT-DISC	N	11	TU TH	102D	E	B		SCOUFFAS
		N	12	TH	102D	E	B		
76491	LECT-DISC	V	7-830PM	TU TH	102D	E	B		COSTELLO

RHET 206 ADVANCED NARRATIVE WRITING, II.
PREREQUISITE: RHET. 205.
3 HOURS.

76502	LECT-DISC	X	12	M W F	102D	E	B		FUMENTO

RHET 227 ADVANCED EXPOSITORY WRITING.
PREREQUISITE: RHET. 133 OR 143, OR CONSENT OF INSTRUCTOR.
3 HOURS.

76510	LECT-DISC	L	9	TU TH	307	E	B		TILLMAN
		L	10	TU	307	E	B		TILLMAN

RHET 255 CREATIVE WRITING.
PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205, 206, 227, 330; OR SPCH. 263, 363) AND WRITTEN CONSENT OF THE INSTRUCTOR WITH WHOM THE STUDENT WILL BE WORKING OR OF THE DIRECTOR OF ADVANCED RHETORIC IF THE INSTRUCTOR IS NOT AVAILABLE.
*THIS COURSE MAY BE REPEATED FOR CREDIT TO A MAXIMUM OF 4 HOURS, BUT THE 4 HOURS MAY NOT BE TAKEN CONCURRENTLY WITH ANOTHER COURSE IN THE SAME KIND OF WRITING.
*2 HOURS.
STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES TO ARRANGE A CONFERENCE SCHEDULE.
INSTRUCTORS: COSTELLO, CURLEY, DAVIS, FRIEDMAN, FUMENTO MARDER, SCOUFFAS, TIBBETTS, TILLMAN, VAN WALLEGHEN.

76527	CONF		ARR						STAFF
76534	LECT-DISC	P	ARR						FRIEDMAN

RHET 330 THE WRITING OF POETRY.
PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH LITERATURE, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HOURS.
*3 HOURS OR 3/4 UNIT.

76541	LECT-DISC	R	3	TU TH	307	E B	VAN WALLEGHEN
		R	4	TH	307	E B	VAN WALLEGHEN
76559	LECT-DISC	Y	ARR				
76566	LECT-DISC	H	4-530	TU TH	118	L H	SWARD

ENGLISH AS A SECOND LANGUAGE

DEPARTMENT OFFICE 317 E B

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS MAY BE REQUIRED TO TAKE REMEDIAL COURSES BEFORE THEY ARE PERMITTED TO TAKE RHET. 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF A FOREIGN STUDENT.

COURSES FOR UNDERGRADUATES

RHET 109 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.

76573	LECT-DISC	A	8-10	M W F	1022	F L B	
76581	LECT-DISC	E	1-3	M W F	1022	F L B	
76598	LECT-DISC	N	10-12	TU TH S	1022	F L B	

RHET 110 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

76609	LECT-DISC	A	8	M W F	1030	F L B	
76616	LECT-DISC	B	9	M W F	1030	F L B	
76623	LECT-DISC	C	10	M W F	1030	F L B	
76631	LECT-DISC	C1	10	M W F	1022	F L B	
76648	LECT-DISC	D	11	M W F	1022	F L B	
76655	LECT-DISC	F	2	M W F	1030	F L B	
76662	LECT-DISC	G	3	M W F	1030	F L B	
76670	LECT-DISC	M	9	TU TH S	1022	F L B	
76687	LECT-DISC	M1	9	TU TH S	1030	F L B	

RHET 111 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: RHET. 109, RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.

76694	LECT-DISC	A	8-10	M W F	1140	F L B	
76705	LECT-DISC	B	9-11	M W F	309	E B	
76712	LECT-DISC	C	10-12	M W F	1140	F L B	
76720	LECT-DISC	C1	10-12	M W F	64	M E B	
76737	LECT-DISC	E	1-3	M W F	1140	F L B	
76744	LECT-DISC	E1	1-3	M W F	309	E B	
76751	LECT-DISC	G	3-5	M W F	309	E B	
76769	LECT-DISC	G1	3-5	M W F	1140	F L B	
76776	LECT-DISC	N	10-12	TU TH S	1140	F L B	
76783	LECT-DISC	N1	10-12	TU TH S	1030	F L B	

RHET 114 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
PREREQUISITE: RHET. 111, RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
*0 OR 3 HOURS.

76791	LECT-DISC	X	12	M	W	F	1030	F	L	B
76801	LECT-DISC	F	2	M	W	F	64	M	E	B

RHET 115 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
PREREQUISITE: RHET. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
*0 OR 3 HOURS.

76819	LECT-DISC	E	1	M	W	F	1030	F	L	B

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RHET 379 AMERICAN LANGUAGE AND LITERATURE.
THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED RHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE COURSES.

76826	LECT-DISC		ARR

RHET 388 LINGUISTICS IN LANGUAGE LEARNING, I.
SAME AS LING. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT, CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

76833	LECT-DISC	G	3	M	W	F	1022	F	L	B

RHET 389 LINGUISTICS IN LANGUAGE LEARNING, II.
SAME AS LING. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

76841	LECT-DISC	D	11	M	W	F	309	E	B

COURSES FOR GRADUATES

RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, I.
PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 UNIT.

76858	LECT-DISC		ARR					
76865	LECT-DISC	L	8-10	TU		309	E	B
		L	9		TH	309	E	B

RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS, II.
PREREQUISITE: GRADUATE STANDING AND RHET. 400, OR CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 UNIT.

76872	LECT-DISC		ARR

RHET 419 CONTRASTIVE ANALYSIS.
SAME AS LING. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

76880	LECT-DISC		10	M	W	F	156	M	E	B

BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE 313 D K H

COURSES FOR UNDERGRADUATES

RHET 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC: COMMUNICATION & ORGANIZATIONAL BEHAVIOR.

76897	CONF		7-9PM	TH	317A D K H	WEEKS

COURSES FOR ADVANCED UNDERGRADUATES

RHET 251 BUSINESS WRITING.
PREREQUISITE: RHET. 101 AND 102, OR EQUIVALENT.
3 HOURS.
STUDENTS SHOULD ENROLL IN ONE LECTURE AND ONE DISCUSSION.

76908	LECT	1	9	TH	101 ARMORY	WEEKS
76915	LECT	2	10	TU	120 ARCH	WEEKS
76922	LECT	3	11	M	192 L H	GIESELMAN
76930	LECT	4	3	W	101 ARMORY	GIESELMAN
76947	DISC	A1	8	M W	326 D K H	HOLT
76954	DISC	A2	8	W F	306 D K H	HARRIS
76961	DISC	B1	9	M W	326 D K H	HOLT
76979	DISC	B2	9	W F	306 D K H	STEELE
76986	DISC	C1	10	M W	306 D K H	GIESELMAN
76993	DISC	D1	11	W F	326 D K H	STEELE
77006	DISC	D2	11	W F	306 D K H	DOUGLAS
77013	DISC	E1	1	M F	326 D K H	KNECHT
77021	DISC	E2	1	M F	306 D K H	CHAPDU
77038	DISC	F1	2	M W	306 D K H	KNECHT
77045	DISC	F2	2	M W	326 D K H	CHAPDU
77052	DISC	L1	8	TU TH	306 D K H	HARRIS
77060	DISC	M1	9	TU TH	306 D K H	HARRIS
77077	DISC	N1	10	THF	306 D K H	BOWMAN
77084	DISC	N2	10	TU TH	317A D K H	KNECHT
77091	DISC	P1	11	TU TH	306 D K H	STAFF
77102	DISC	X1	12	W F	326 D K H	DOUGLAS
77110	DISC	X2	12	M F	306 D K H	BOWMAN
77127	DISC	Q	12	TU TH	326 D K H	BOWMAN
77134	DISC	R	1	TU TH	328 D K H	HOLT
77141	DISC	S	2	TU TH	326 D K H	STAFF

RHET 271 SALES WRITING.
SAME AS ADV. 288.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
2 HOURS.
*SECTIONS SO CODED ARE RESTRICTED TO ADVERTISING MAJORS ONLY.

77173	LECT-DISC	*C	10	M W	326 D K H	MAGUIRE
77181	LECT-DISC	*M	9	TU TH	326 D K H	MAGUIRE
77198	LECT-DISC	*P	11	TU TH	326 D K H	MAGUIRE
77159	LECT-DISC	N	10	TU TH	326 D K H	STEELE
77166	LECT-DISC	R	1	TU TH	306 D K H	CHAPDU

RHET 272 REPORT WRITING.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
2 HOURS.
*AFTER THE FIRST MONTH, THE COURSE WILL BE TAUGHT BY CONFERENCE WITH INDIVIDUAL STUDENTS.

77209	LECT-DISC	L	8	TU TH	326 D K H	TIBBETTS
77216	LECT-DISC	T	3	M W	326 D K H	TIBBETTS
77223	LECT-DISC	S	2	TU TH	306 D K H	GIESELMAN

RURAL SOCIOLOGY
DEPARTMENT OF AGRICULTURAL ECONOMICS.

COURSES FOR UNDERGRADUATES

R SOC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

77231	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

R SOC 343 SOCIAL CHANGE IN DEVELOPING AREAS.
SAME AS SOC. 343.
PREREQUISITE: SOC.100 OR 151 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

77248	LECT-DISC	A	11	M W F	340	L H		

COURSES FOR GRADUATES

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
SAME AS SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY, CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

77255	CONF		ARR					

RUSSIAN

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 260 L H

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115, AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL. MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN ENGLISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: ARABIC, EDUCATION, CHINESE, ENGLISH (EXCLUDING RHETORIC 101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN, JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY, POLITICAL SCIENCE, PORTUGUESE, SPANISH, OR ANY MINOR SLAVIC LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

COURSES FOR UNDERGRADUATES

RUSS 101 FIRST-YEAR RUSSIAN, I.
FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT RUSS. 102.
*4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE LECTURE, AND ONE PRACTICE SECTION. IN ADDITION, STUDENTS MAY REGISTER FOR LANGUAGE LABORATORY SELECTING A SECTION OF THE SERIES A3 TO A28.
*SECTION &D - HONORS SECTION.

77262	LECT	D1	11	TU TH	392	L H		DAWSON
77270	LECT	F1	2	TU TH	392	L H		DAWSON
77287	PRACT	A	8	M W F	G 58	F L B		STAFF
77294	PRACT	B	9	M W F	120	COM W		STAFF
77305	PRACT	C	10	M W F	216	L H		STAFF

RUSS 101 CONTINUED

77579	PRACT	*&D	11	M W F	G 58	F L B		STAFF
77312	PRACT	E	1	M W F	120	COM W		STAFF
77320	PRACT	F	2	M W F	120	COM W		STAFF
77337	LAB	A3	8-830	TU TH	202	L H		
77344	LAB	A4	830-9	TU TH	202	L H		
77351	LAB	A5	9-930	TU TH	202	L H		
77369	LAB	A6	930-10	TU TH	202	L H		
77376	LAB	A7	10-1030	TU TH	202	L H		
77383	LAB	A8	1030-11	TU TH	202	L H		
77391	LAB	A9	11-1130	TU TH	202	L H		
77401	LAB	A10	1130-12	TU TH	202	L H		
77419	LAB	A11	12-1230	TU TH	202	L H		
77426	LAB	A12	1230-1	TU TH	202	L H		
77433	LAB	A13	1-130	TU TH	202	L H		
77441	LAB	A14	130-2	TU TH	202	L H		
77458	LAB	A15	2-230	TU TH	202	L H		
77465	LAB	A16	230-3	TU TH	202	L H		
77472	LAB	A17	3-330	TU TH	202	L H		
77480	LAB	A18	330-4	TU TH	202	L H		
77497	LAB	A19	4-430	TU TH	202	L H		
77508	LAB	A20	430-5	TU TH	202	L H		
77515	LAB	A21	5-530	TU TH	202	L H		
77522	LAB	A22	530-6	TU TH	202	L H		
77530	LAB	A25	7-730PM	TU TH	202	L H		
77547	LAB	A26	730-8PM	TU TH	202	L H		
77554	LAB	A27	8-830PM	TU TH	202	L H		
77561	LAB	A28	830-9PM	TU TH	202	L H		

RUSS 102 FIRST-YEAR RUSSIAN, II.

PREREQUISITE: RUSS. 101.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, B3-B28.

77586	LECT-DISC	C	10	MTUWTH	120	COM W		STAFF
77593	LECT-DISC	F	2	MTUWTH	9	G H		STAFF
77604	LAB	B3	8-830	TU TH	202	L H		
77611	LAB	B4	830-9	TU TH	202	L H		
77629	LAB	B5	9-930	TU TH	202	L H		
77636	LAB	B6	930-10	TU TH	202	L H		
77643	LAB	B7	10-1030	TU TH	202	L H		
77651	LAB	B8	1030-11	TU TH	202	L H		
77668	LAB	B9	11-1130	TU TH	202	L H		
77675	LAB	B10	1130-12	TU TH	202	L H		
77682	LAB	B11	12-1230	TU TH	202	L H		
77690	LAB	B12	1230-1	TU TH	202	L H		
77701	LAB	B13	1-130	TU TH	202	L H		
77718	LAB	B14	130-2	TU TH	202	L H		
77725	LAB	B15	2-230	TU TH	202	L H		
77732	LAB	B16	230-3	TU TH	202	L H		
77740	LAB	B17	3-330	TU TH	202	L H		
77757	LAB	B18	330-4	TU TH	202	L H		
77764	LAB	B19	4-430	TU TH	202	L H		
77771	LAB	B20	430-5	TU TH	202	L H		
77789	LAB	B21	5-530	TU TH	202	L H		
77796	LAB	B22	530-6	TU TH	202	L H		
77807	LAB	B25	7-730PM	TU TH	202	L H		
77814	LAB	B26	730-8PM	TU TH	202	L H		
77821	LAB	B27	8-830PM	TU TH	202	L H		
77839	LAB	B28	830-9PM	TU TH	202	L H		

RUSS 103 SECOND-YEAR RUSSIAN, I.

PREREQUISITE: RUSS. 102 OR EQUIVALENT.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, C3-C28.
*SECTION &D: HONORS SECTION.

77846	LECT-DISC	A	8	MTUWTH	9	G H		STAFF
77853	LECT-DISC	B	9	MTUWTH	9	G H		STAFF
77861	LECT-DISC	C	10	MTUWTH	9	G H		BROSTROM
78122	LECT-DISC	*&D	11	MTUWTH	120	COM W		STAFF
77878	LECT-DISC	E	1	MTUWTH	9	G H		STAFF
77885	LAB	C3	8-830	TU TH	202	L H		
77892	LAB	C4	830-9	TU TH	202	L H		
77903	LAB	C5	9-930	TU TH	202	L H		
77911	LAB	C6	930-10	TU TH	202	L H		
77928	LAB	C7	10-1030	TU TH	202	L H		
77935	LAB	C8	1030-11	TU TH	202	L H		

RUSS 103 CONTINUED

77942	LAB	C9	11-1130	TU TH	202	L H	
77950	LAB	C10	1130-12	TU TH	202	L H	
77967	LAB	C11	12-1230	TU TH	202	L H	
77974	LAB	C12	1230-1	TU TH	202	L H	
77981	LAB	C13	1-130	TU TH	202	L H	
77999	LAB	C14	130-2	TU TH	202	L H	
78001	LAB	C15	2-230	TU TH	202	L H	
78019	LAB	C16	230-3	TU TH	202	L H	
78026	LAB	C17	3-330	TU TH	202	L H	
78033	LAB	C18	330-4	TU TH	202	L H	
78041	LAB	C19	4-430	TU TH	202	L H	
78058	LAB	C20	430-5	TU TH	202	L H	
78065	LAB	C21	5-530	TU TH	202	L H	
78072	LAB	C22	530-6	TU TH	202	L H	
78080	LAB	C25	7-730PM	TU TH	202	L H	
78097	LAB	C26	730-8PM	TU TH	202	L H	
78108	LAB	C27	8-830PM	TU TH	202	L H	
78115	LAB	C28	830-9PM	TU TH	202	L H	

RUSS 104 GRAMMAR REVIEW AND CONVERSATION.
PREREQUISITE: RUSS. 103.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, D3-D28.

78130	LECT-DISC	B	9	MTUWTH	392	L H	
78147	LAB	D3	8-830	TU TH	202	L H	
78154	LAB	D4	830-9	TU TH	202	L H	
78161	LAB	D5	9-930	TU TH	202	L H	
78179	LAB	D6	930-10	TU TH	202	L H	
78186	LAB	D7	10-1030	TU TH	202	L H	
78193	LAB	D8	1030-11	TU TH	202	L H	
78204	LAB	D9	11-1130	TU TH	202	L H	
78211	LAB	D10	1130-12	TU TH	202	L H	
78229	LAB	D11	12-1230	TU TH	202	L H	
78236	LAB	D12	1230-1	TU TH	202	L H	
78243	LAB	D13	1-130	TU TH	202	L H	
78251	LAB	D14	130-2	TU TH	202	L H	
78268	LAB	D15	2-230	TU TH	202	L H	
78275	LAB	D16	230-3	TU TH	202	L H	
78282	LAB	D17	3-330	TU TH	202	L H	
78290	LAB	D18	330-4	TU TH	202	L H	
78301	LAB	D19	4-430	TU TH	202	L H	
78318	LAB	D20	430-5	TU TH	202	L H	
78325	LAB	D21	5-530	TU TH	202	L H	
78332	LAB	D22	530-6	TU TH	202	L H	
78340	LAB	D25	7-730PM	TU TH	202	L H	
78357	LAB	D26	730-8PM	TU TH	202	L H	
78364	LAB	D27	8-830PM	TU TH	202	L H	
78371	LAB	D28	830-9PM	TU TH	202	L H	

RUSSG 106 RAMMAR REVIEW AND READINGS IN RUSSIAN LITERATURE.
PREREQUISITE: RUSS. 103.
4 HOURS.

78389	LECT-DISC	E	1	MTUWTH	392	L H	IRIBARNE

RUSS 112 INTENSIVE SECOND-YEAR RUSSIAN.
PREREQUISITE: RUSS. 111 OR 102.
8 HOURS.
ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

78396	LECT-DISC	BE	9	M W F	G 58	F L B	STAFF
		BE	12	MTUWTHF	G 58	F L B	

RUSS 114 RUSSIAN CIVILIZATION.
SAME AS HUMAN. 114.
NO KNOWLEDGE OF RUSSIAN REQUIRED.
4 HOURS.

78407	LECT-DISC	C	10	MTUWTH	392	L H	

RUSS 115 RUSSIAN LITERATURE IN TRANSLATION, II.
3 HOURS.

78414	LECT-DISC	F	2	M W F	392	L H	BROSTROM

RUSS 121 BEGINNING READING COURSE, I.
4 HOURS.

78421	LECT-DISC	H	4	MTUWTHF	257	E R L	HILL

RUSS 122 BEGINNING READING COURSE, II.
PREREQUISITE: RUSS. 121.
4 HOURS.

78439	LECT-DISC	J	5	MTUWTH	G 58	F L B	STAFF

RUSS 123 INTERMEDIATE READING COURSE, I.
PREREQUISITE: RUSS. 122.
4 HOURS.

78446	LECT-DISC	G	3	MTUWTH	G 58	F L B	H. ZALUCKY

RUSS 124 INTERMEDIATE READING COURSE, II.
PREREQUISITE: RUSS. 123.
4 HOURS.

78453	CONF		ARR				

RUSS 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

78461	CONF		ARR				

COURSES FOR ADVANCED UNDERGRADUATES

RUSS 211 ORAL RUSSIAN, I.
PREREQUISITE: RUSS. 103 AND 104 OR CONSENT OF INSTRUCTOR.
2 HOURS.

78478	LECT-DISC	D1	11	M W	9	G H	M. ZALUCKY
78485	LECT-DISC	D2	11	TU TH	9	G H	M. ZALUCKY

RUSS 212 ORAL RUSSIAN, II.
PREREQUISITE: RUSS. 211 OR CONSENT OF INSTRUCTOR.
2 HOURS.

78492	LECT-DISC	G	3	M W	1112	F L B	M. ZALUCKY

RUSS 213 RUSSIAN COMPOSITION, I.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.
2 HOURS.

78503	LECT-DISC	C	10	TU TH	216	L H	H. ZALUCKY

RUSS 215 INTRODUCTION TO RUSSIAN LITERATURE, I.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.
3 HOURS.

78511	LECT-DISC	C	10	M W F	1112	F L B	BROSTROM

RUSS 216 INTRODUCTION TO RUSSIAN LITERATURE, II.
PREREQUISITE: RUSS. 215 OR CONSENT OF INSTRUCTOR.
3 HOURS.

78528	LECT-DISC	B	1	M W F	1024	F L B	COHEN

RUSS 217 INTRODUCTION TO COMTEMPORARY RUSSIAN LITERATURE.
PREREQUISITE: RUSS. 212 OR CONSENT OF INSTRUCTOR.
3 HOURS.

78535	LECT-DISC	E	1	M W F	1112	F L B	MILLAR

RUSS 280 TEACHERS COURSE.
PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN OR EQUIVALENT.
2 HOURS.
DOES NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

78542	LECT-DISC	A	820-935	TU TH	1112	F L B	KLEIN

RUSS 291 SENIOR THESIS AND HONORS.
2 HOURS.

78550	CONF		ARR				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

RUSS 301 RUSSIAN PROSE FICTION, I.
PREREQUISITE: RUSS. 216 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

78567	LECT-DISC	F	2	M W F	G 58	F L B	CURRAN

RUSS 303 ADVANCED READING AND CONVERSATION, I.
PREREQUISITE: THREE YEARS OF COLLEGE-LEVEL RUSSIAN.
2 HOURS OR 1/2 UNIT.
78574 LECT-DISC X 9 TU TH G 58 F L B M. ZALUCKY

RUSS 307 STRUCTURE OF RUSSIAN.
PREREQUISITE: RUSS. 214 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
78581 LECT-DISC B 9 M W F 1112 F L B

RUSS 313 ADVANCED COMPOSITION AND USAGE, I.
PREREQUISITE: THREE YEARS OF COLLEGE RUSSIAN, INCLUDING RUSS. 213 AND 214, OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT.
78599 LECT-DISC X 12 M W F 1112 F L B H. ZALUCKY

RUSS 317 TWENTIETH CENTURY LITERATURE IN TRANSLATION.
SAME AS HUMAN. 317.
NO KNOWLEDGE OF RUSSIAN LANGUAGE IS REQUIRED.
3 HOURS OR 1 UNIT.
78600 LECT-DISC G 3 M W F 392 L H IRIBARNE

RUSS 321 RUSSIAN LITERATURE FROM 1810 TO 1845.
PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
78617 LECT-DISC D 11 M W F 1112 F L B CURRAN

RUSS 323 RUSSIAN LITERATURE FROM 1845 TO 1880.
PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
78624 LECT-DISC F 2 M W F 1112 F L B MILLAR

RUSS 335 RUSSIAN DRAMA.
PREREQUISITE: RUSS. 216 OR EQUIVALENT.
3 HOURS OR 1 UNIT.
78631 LECT-DISC F 3-415 TU TH 1112 F L B IRIBARNE

RUSS 337 RUSSIAN POETRY.
PREREQUISITE: RUSS. 216 OR EQUIVALENT.
3 HOURS OR 1 UNIT.
78649 LECT-DISC C 11-1215 TU TH 1112 F L B CURRAN

COURSES FOR GRADUATES

RUSS 400 BEGINNING RUSSIAN FOR GRADUATE STUDENTS.
4 HOURS.
78656 LECT-DISC H 4 MTUWTHF G 58 F L B STAFF

RUSS 401 READINGS IN RUSSIAN FOR GRADUATE STUDENTS.
PREREQUISITE: RUSS. 400 OR EQUIVALENT.
4 HOURS.
78663 LECT-DISC J 5 MTUWTH G 58 F L B STAFF

RUSS 410 OLD RUSSIAN LITERATURE.
PREREQUISITE: SLAV. 405.
1 UNIT.
78671 LECT-DISC C 10 M W F G 58 F L B HILL

RUSS 415 DOSTOEVSKY.
PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.
1 UNIT.
78688 LECT-DISC B 1220-135 TU TH 1112 F L B

RUSS 416 STUDIES IN RUSSIAN CRITICISM.
PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.
1 UNIT.
78695 LECT-DISC G 140-255 TU TH 1112 F L B COHEN

RUSS 424 GOGOL.
PREREQUISITE: CONSENT OF INSTRUCTOR, OR HEAD OF DEPARTMENT.
1 UNIT.
78706 LECT-DISC E 940-1055 TU TH 1112 F L B PACHMUSS

RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE 1207 W OREGON

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ELECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:
1-COMPLETE THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.
2-COMPLETE AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.
3-COMPLETE A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS TWENTY HOURS.

ANTH.	381, 382	POL. S.	335, 383
ECON.	357	RUSS.	115, 116, 199, 217, 301, 302
GEOG.	353		317, 321, 322, 323, 324, 325,
HIST.	219, 320, 321, 325,		326, 332, 333, 335, 337
	326, 327, 328	SOC.	350
		UKR.	396, 398

4-COMPLETE A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.

ANTH.	381, 382	POL. S.	335, 383
ECON.	357		115, 116, 199, 217, 301, 302,
GEOG.	353		317, 321, 322, 323, 324, 325,
HIST.	219, 320, 321, 325		326, 332, 333, 335, 337
	326, 327, 328	SOC.	350
		UKR.	396, 398

GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINOR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

ANTH.	381, 382	RUSS	301, 302, 317, 321, 322,
ECON.	357, 457		323, 324, 325, 326, 332,
GEOG.	353, 495		333, 335, 337, 406, 407,
HIST.	320, 321, 325, 326,		408, 410, 412, 414, 416
	327, 328, 427		417, 421, 423, 424
LAW	369, 371	SLAV.	405
LIB. S.	433	SOC.	350, 450
POL. S.	335, 383, 435, 440	UKR.	396, 398

MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 OR 401 WITH A GRADE OF A OR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AWARDED BY THE GRADUATE COLLEGE AND THE RUSSIAN AND EAST EUROPEAN CENTER. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY) IN ADDITION TO THE STUDENT'S OWN MAJOR DEPARTMENT. FOR COURSES, SEE ABOVE. IF THE STUDENTS MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO ONE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMUM, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN AREA ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF THE RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADOPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	381, 382
ECON	357, 457
GEOG	353, 381, 382, 495,
HIST	219, 320, 321, 325, 326, 327, 328, 427
LAW	369, 371
LIB S	433
POL S	335, 383, 435, 440
RUSS	115, 116, 199, 217, 301, 302, 317, 321, 322, 323, 324, 325, 326, 332, 333, 335, 337, 406, 407, 408, 410, 412, 414, 416, 417, 421, 423, 424
SLAV	405
SOC	350, 450
UKR	396, 398

SAFETY EDUCATION

DEPARTMENT OFFICE 114 HUFF GYM

COURSES FOR UNDERGRADUATES

S ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

78713	CONF		ARR			STAFF

COURSES FOR ADVANCED UNDERGRADUATES

S ED 280 SAFETY EDUCATION.
3 HOURS.
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.

78721	LECT-DISC	B	*9	M W F	207A H G	FLORIO
78738	LECT-DISC	E	*1	M W F	207 H G	HUFFMAN

S ED 284 DRIVER EDUCATION.
PREREQUISITE: UP-TO-DATE DRIVER'S LICENSE, JUNIOR STANDING, AND PROFICIENCY IN DRIVING AUTOMATIC AND STANDARD TRANSMISSION VEHICLE.
3 HOURS.
*TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.

78745	LECT-DISC	L	*8	TU TH	207 H G	FLORIO

S ED 289 SAFETY EDUCATION FIELD WORK.
PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.

78752	LAB-DISC		ARR			FLORIO

S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.
PREREQUISITE: S. ED. 284.
3 HOURS.
*FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G.

78760	LECT-DISC	M	*9	TU TH	207 H G	FLORIO

SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES.
DEPARTMENT OFFICE 371 L H

COURSES FOR UNDERGRADUATES

SCAN 101 ELEMENTARY SCANDINAVIAN, I.
4 HOURS.
*TOPIC: NORWEGIAN.

78777	LECT-DISC	D	11	MTUWTH	G 48 F L B	HENDERSON
78784	LECT-DISC	E	1	MTUWTH	G 48 F L B	HENDERSON

SCAN 103 INTERMEDIATE SCANDINAVIAN, I.
PREREQUISITE: SCAN. 102 OR EQUIVALENT.
4 HOURS.
SECTIONS B AND X TOPIC: SWEDISH.

78791	LECT-DISC	B	9	MTUWTH	336 L H	
78802	LECT-DISC	X	12	MTUWTH	374 L H	

SCAN 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

78810	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES

SCAN 297 SENIOR THESIS AND HONORS COURSE.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
1 TO 2 HOURS.

78827	CONF		ARR					

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SCAN 362 STRINDBERG AND THE LATER SCANDINAVIAN DRAMATISTS.
3 HOURS OR 1 UNIT.

78834	LECT-DISC	E	1	M W F	309A	H H		

COURSES FOR GRADUATES

SCAN 405 OLD NORSE-ICELANDIC, I.
1 UNIT.

78841	LECT-DISC	A	8	M W F	1048	F L B		HENDERSON

SECONDARY AND CONTINUING EDUCATION

DEPARTMENT OFFICE EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

SE ED 101 INTRODUCTION TO THE TEACHING OF SECONDARY SCHOOL SUBJECTS.
2 HOURS.
*SECTION E: SCIENCE *SECTION P1: FOREIGN LANGUAGE
*SECTION L: MATH *SECTION P2: ENGLISH
*SECTION M1: ENGLISH *SECTION P3: MATH
*SECTION M2: FOREIGN LANGUAGE *SECTION P4: DANCE
*SECTION M3: SPEECH *SECTION P5: SOCIAL STUDIES
*SECTION N1: FOREIGN LANGUAGE *SECTION R1: SCIENCE
*SECTION N2: MUSIC *SECTION R2: ENGLISH
*SECTION N3: SOCIAL STUDIES *SECTION R3: MUSIC
*SECTION R4: SOCIAL STUDIES
SECTIONS E AND R1 REQUIRE SOPHOMORE STANDING OR ABOVE AND TWO ADDITIONAL HOURS OF LAB A WEEK TO BE ARRANGED.
SECTIONS M1, P2, AND R2 REQUIRE JUNIOR STANDING OR ABOVE AND ADDITIONAL HOURS FOR LABORATORY TO BE ARRANGED.
REGISTRATION IN M1, N3, AND R2 ALSO REQUIRES REGISTRATION IN SECTIONS N2, P2, AND S1 OF SECONDARY EDUCATION 240 RESPECTIVELY.

78859	LECT-DISC	*E	1-3	F	4G	EDUC		GOULD
78866	LECT-DISC	*L	8	TU TH	2	EDUC		TRAVERS
78873	LECT-DISC	*M1	9	TU TH	162	EDUC		MADSEN
78881	LECT-DISC	*M2	9	TU TH	1	EDUC		DAIGH
78898	LECT-DISC	*M3	9	TU TH	145	L H		INCE
78909	LECT-DISC	*N1	10	TU TH	166	EDUC		KAULFERS
78916	LECT-DISC	*N2	10	TU TH	153	ARMORY		
78923	LECT-DISC	*N3	10	TU TH	137	ARMORY		METCALF
78931	LECT-DISC	*P1	11	TU TH	166	EDUC		KAULFERS
78948	LECT-DISC	*P2	2-4	TH	192	EDUC		ERICKSON
78955	LECT-DISC	*P3	11	TU TH	1	EDUC		PINGRY
78962	LECT-DISC	*P4	11	TU TH	DANCE	RHRSL		KOEBEL
78970	LECT-DISC	*P5	11	TU TH	150	ARMORY		COX
78987	LECT-DISC	*R1	1-3	TH	4G	EDUC		BROWN
78994	LECT-DISC	*R2	1	TU TH	15	D K H		MADSEN
79007	LECT-DISC	*R3	1	TU TH	192	EDUC		
79014	LECT-DISC	*R4	1-3	F	137	ARMORY		PAYETTE

SE ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

79021	CONF		ARR			

COURSES FOR ADVANCED UNDERGRADUATES

SE ED 240 PRINCIPLES OF SECONDARY EDUCATION.
PREREQUISITE: SE. ED. 101 AND PSYCH. 100.
2 HOURS.
*SECTIONS X1, X2, X3, X4 AND X5 ARE PRIMARILY FOR STUDENTS REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD.
*REGISTRATION IN SECTIONS N2, P2, AND S1 ALSO REQUIRES REGISTRATION IN SECTIONS M1, N3, AND R2 OF SECONDARY EDUCATION 101 RESPECTIVELY.
SECTION X4 RESERVED FOR STUDENT TEACHERS ENROLLED IN DISTRICT 214 PROJECT. SECTION X5 RESERVED FOR ART STUDENT TEACHERS.

79039	LECT-DISC	M	9	TU TH	166	EDUC	
79046	LECT-DISC	N1	10	TU TH	1	EDUC	HENDERSON
79092	LECT-DISC	*N2	10	TU TH	162	EDUC	MADSEN
79053	LECT-DISC	P1	11	TU TH	2	EDUC	WALKER
79103	LECT-DISC	*P2	11	TU TH	137	ARMORY	METCALF
79111	LECT-DISC	*S1	2	TU TH	15	D K H	MADSEN
79061	LECT-DISC	*X1	12	M W F	192	EDUC	
79078	LECT-DISC	*X2	1	M W F	2	EDUC	KAULFERS
79085	LECT-DISC	*X3	1	M W F	21	D K H	HAWKINS
79128	LECT-DISC	*X4	ARR				GOULD
79135	LECT-DISC	*X5	ARR				HARDIMAN

SE ED 241 TECHNIC OF TEACHING IN THE SECONDARY SCHOOL.
PREREQUISITE: HP. ED. 201 AND SE. ED. 240 AND CONCURRENT REGISTRATION IN ED. PR. 242, CONSENT OF INSTRUCTOR.
3 TO 5 HOURS.
*SECTION F1 RESERVED FOR SCIENCE STUDENTS IN DISTRICT 214 PROJECT.
*SECTION J1 RESERVED FOR SOCIAL STUDIES STUDENTS IN DISTRICT 214 PROJECT.
*SECTION L1 RESERVED FOR ENGLISH STUDENTS IN DISTRICT 214 PROJECT.
*SECTION L3 RESERVED FOR TEACHING OF ENGLISH TO MINORITY GROUPS.
LABORATORY HOURS TO BE ARRANGED.

79142	LECT-DISC	A	9	MTUWTHF	389	EDUC	KNAPP
	PHYSICAL EDUCATION MEN (3 HOURS)						
79150	LECT-DISC	C	ARR				CONLEY & BROWN
	HEALTH & SAFETY EDUCATION (3 HOURS)						
79167	LECT-DISC	D	10-12	MTUWTHF	15	D K H	MANCUSO
	PHYSICAL EDUCATION WOMEN (3 HOURS)						
79352	LECT-DISC	*F1	ARR				GOULD
	SCIENCE (5 HOURS)						
79174	LECT-DISC	F2	8-10	M W F	4G	EDUC	BROWN
	SCIENCE (5 HOURS)						
79360	LECT-DISC	*J1	ARR				PAYETTE
	SOCIAL STUDIES (4 HOURS)						
79181	LECT-DISC	J2	10-12	M W F	33	EDUC	COX
		J2	10	TU TH	2	EDUC	
	SOCIAL STUDIES (4 HOURS)						
79199	LECT-DISC	J3	10-12	M W F	389	EDUC	
		J3	10	TU TH	389	EDUC	
	SOCIAL STUDIES (4 HOURS)						
79200	LECT-DISC	K	ARR				HARDIMAN
	ART (3-4 HOURS)						
79377	LECT-DISC	*L1	ARR				ERICKSON
	ENGLISH (5 HOURS)						
79217	LECT-DISC	L2	10-12	M W F	442	M H	FILLION
		L2	11	TU TH	442	M H	
	ENGLISH (5 HOURS)						

SE ED 241 CONTINUED

79384	LECT-DISC	*L3	8	MTUWTHF	160	COM W	LONGSTREET
	ENGLISH (5 HOURS)						
79224	LECT-DISC	L4	10-12	M W F	224	D K H	HOETKER
		L4	10	TU TH	224	D K H	
	ENGLISH (5 HOURS)						
79231	LECT-DISC	L5	10-12	M W F	19	D K H	JACOBS
		L5	10	TU TH	19	D K H	
	ENGLISH (5 HOURS)						
79249	LECT-DISC	N1	8	MTUWTHF	15	D K H	DAIGH
	FOREIGN LANGUAGE (4 HOURS)						
79263	LECT-DISC	N2	8	MTUWTHF	33	EDUC	HAWKINS
	FOREIGN LANGUAGE (4 HOURS)						
79271	LECT-DISC	N3	9	MTUWTHF	153	ARMORY	HAWKINS
	FOREIGN LANGUAGE (4 HOURS)						
79288	LECT-DISC	R	10	MTUWTHF	22	EDUC	
	HOME ECONOMICS (3 HOURS)						
79295	LECT-DISC	S	1	MTUWTHF	25	EDUC	TINKHAM
	INDUSTRIAL EDUCATION (3 HOURS)						
79306	LECT-DISC	T	8-10	M W F	1	EDUC	HENDERSON
		T	8	TU TH	1	EDUC	
	MATHEMATICS (5 HOURS)						
79313	LECT-DISC	V1	9	MTUWTHF	33	EDUC	COLWELL
	MUSIC (3-4 HOURS)						
79321	LECT-DISC	V2	9	MTUWTHF	382	EDUC	KIRK
	MUSIC (3-4 HOURS)						
79338	LECT-DISC	W	10-12	TUWTHF	8	D K H	MAHAFFEY
	BUSINESS EDUCATION (5 HOURS)						
79345	LECT-DISC	Y	ARR				THOMASSEN
	LIBRARY SCIENCE (3-4 HOURS)						

SE ED 247 TEACHING OF SPEECH.
SAME AS SPCH. 247.
PREREQUISITE: SENIOR STANDING, 3.5 GRADE AVERAGE.
5 HOURS.

79391	LECT-DISC		2-4	MTUWTHF	242	ARMORY	INCE

SE ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 OR 3 HOURS.
*&A IS AN HONORS SECTION.

79402	CONF	*&A	ARR

SE ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

79410	CONF	&	ARR

SE ED 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

79427	CONF	&	ARR

SE ED 336 FUNDAMENTALS OF READING TECHNIQUES.
SAME AS EL. ED. 336.
PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER EDUCATION CURRICULUM.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS A, C, C1 AND E WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR ELEMENTARY EDUCATION STUDENTS. SECTIONS W, X, Y AND Z WILL NOT MEET DURING THE SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR SECONDARY EDUCATION STUDENTS. NOTE: STUDENTS IN ELEMENTARY EDUCATION, SPECIAL EDUCATION, AND SCHOOL PSYCHOLOGY PROGRAM MUST ENROLL IN SECTIONS A, B, C, C1, E, E1, OR F. SECTION Y IS RESERVED FOR DISTRICT 214 STUDENTS. SECTION Z RESERVED FOR TEACHING OF ENGLISH TO ETHNIC MINORITY GROUPS.

79481	LECT-DISC	*A	8-10	M	W	F	166	EDUC	
79498	LECT-DISC	*C	10-12	M	W	F	1	EDUC	
79509	LECT-DISC	*C1	10-12	M	W	F	166	EDUC	
79516	LECT-DISC	*E	1-3	M	W	F	192	EDUC	
79459	LECT-DISC	*B	9	M	W	F	192	EDUC	
79466	LECT-DISC	*E1	1	M	W	F	192	EDUC	
79473	LECT-DISC	*F	2	M	W	F	192	EDUC	
79434	LECT-DISC	*W	1-3	M	W		152	ARMORY	WALKER
		*W	1			F	152	ARMORY	
79441	LECT-DISC	*X	2-4	M	W		442	M H	KOENKE
		*X	2			F	442	M H	
79531	LECT-DISC	*Y	ARR						ERICKSON
79523	LECT-DISC	*Z	9	MTUWTHF			19	D K H	LONGSTREET

SE ED 356 THE COMPUTER AND MATHEMATICS EDUCATION.
PREREQUISITE: C. S. 101, 400, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

79548	LECT	4-6		W	33	EDUC	TRAVERS
	LAB	4-6	M		33	EDUC	

SE ED 357 COMPUTER-ASSISTED INSTRUCTION.
SAME AS C. S. 357.
PREREQUISITE: C. S. 107, OR AN EQUIVALENT COURSE; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

79555	LECT-DISC	A	3-5	TH	91	COM W	HICKS
79562	LECT-DISC	B	3-5	TU	382	EDUC	HICKS

COURSES FOR GRADUATES

SE ED 441 LINGUISTIC AND LOGICAL ANALYSIS OF TEACHING.
1 UNIT.

79570	LECT-DISC	7-9PM	W	389	EDUC	HENDERSON

SE ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.
*1/2 OR 1 UNIT.

79587	CONF	ARR

SE ED 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF SECONDARY EDUCATION.
1 UNIT.
*SECTION A IS FOR ENGLISH LANGUAGE AND COMPOSITION.
SECTION E IS FOR SOCIAL STUDIES, AND SECTION I IS FOR ART.

79594	LECT-DISC	*A	4-6	M	385	EDUC	WALKER
79605	LECT-DISC	*E	630-830PM	M	91	COM W	METCALF
79612	LECT-DISC	*I	7-9PM	W	133	F A B	ZERNICH

SE ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1/2 TO 2 UNITS.
*SECTION A IS FOR HIGHER EDUCATION. 1 UNIT.
*SECTION C IS RESERVED FOR SUPERVISORS OF STUDENT TEACHERS. 1 UNIT.
*SECTION D IS FOR "SUPERVISION AND PERFORMANCE EVALUATION OF TEACHING." REQUIRES INSTRUCTOR'S PERMISSION. 1 UNIT.

79620	LECT-DISC	*A	7-9PM	TU	91	COM W	PIERCE
79637	LECT-DISC	*C	1-3	F	91	COM W	JOHNSON
79644	LECT-DISC	*D	4-6	TU	120	COM W	FILLION

SE ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SECONDARY AND CONTINUING EDUCATION.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*0 TO 1 UNIT.
*SECTION A IS FOR ENGLISH, SECTION B IS FOR FOREIGN LANGUAGE, SECTION C IS FOR MATHEMATICS, SECTION D IS FOR SCIENCE, SECTION E IS FOR SOCIAL STUDIES, AND SECTION H IS FOR PROBLEMS IN PHILOSOPHY OF HIGHER EDUCATION. SECTION F IS FOR MUSIC, AND SECTION I IS FOR HISTORY OF HIGHER EDUCATION.

79651	LECT-DISC	*A	4-6	W	382	EDUC		HOETKER
79669	CONF	*B	ARR					KAULFERS
79676	LECT-DISC	*C	3-5	TH	25	EDUC		TRAVERS
79683	LECT-DISC	*D	4-6	TH	382	EDUC		BURNETT
79691	LECT-DISC	*E	4-6	W	389	EDUC		
79701	LECT-DISC	*F	4-6	M	6	COM W		LEONHARD AND COLWELL
79719	LECT-DISC	*H	3-5	TU	33	EDUC		BROUDY
79726	LECT-DISC	*I	3-5	W	6	COM W		FLEY

SE ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

79733	LECT-DISC		4-6	M	192	EDUC		BURNETT

SE ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

79741	CONF		ARR					

SLAVIC

SLAVIC LANGUAGES AND LITERATURES

DEPARTMENT OFFICE 260 L H

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SLAV 380 INTRODUCTION TO SLAVIC LINGUISTICS.
SAME AS LING. 380.
PREREQUISITE: READING KNOWLEDGE OF AT LEAST ONE SLAVIC LANGUAGE.
3 HOURS OR 3/4 UNIT.

79758	LECT-DISC	B	140-255	TU TH	G 58	F L B		KENSTOWICZ

COURSES FOR GRADUATES

SLAV 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN.
1/4 TO 2 UNITS.
*SECTION A TOPIC: RUSSIAN LITERATURE.
*SECTION B TOPIC: SLAVIC LINGUISTICS.

79765	CONF	*A	ARR					
79772	CONF	*B	ARR					

SLAV 499 THESIS RESEARCH.
0 TO 4 UNITS.

79780	CONF		ARR					

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (1) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS; (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES; (9) A GRADUATE MINOR IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINOIS. THE DIVISION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-WESTERN AREAS CONSULT WITH THE ADVISOR IN HIS MAJOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILITY OF TAKING COURSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES. STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

SOCIAL WORK

DEPARTMENT OFFICE 1207 W OREGON

UNDERGRADUATE MAJOR: THE COOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

COURSES FOR UNDERGRADUATES

SOC W 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

79797	CONF		ARR							STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SOC W 225 INTRODUCTION TO SOCIAL WELFARE, I.
PREREQUISITE: SOC. 100 OR 151; AND PSYCH. 100 OR 103; OR D. G. S. 171.
3 HOURS.

79808	LECT-DISC	A	8	M	W	F	215	G	H	SMITH
79815	LECT-DISC	B	9	M	W	F	312	D	H	WEAGANT
79822	LECT-DISC	C	11	M	W	F	405	M	H	HANDLER

SOC W 226 INTRODUCTION TO SOCIAL WELFARE, II.
PREREQUISITE: SOC. W. 225.
3 HOURS.

79830	LECT-DISC	A	9	M	W	F	396	L	H	HANDLER
79847	LECT-DISC	B	10	M	W	F	396	L	H	ATHERTON

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOC W 300 METHODS OF SOCIAL WORK INTERVENTION.
PREREQUISITE: SOC. W. 226, OR TAKEN CONCURRENTLY.
3 HOURS, OR 1/2 TO 1 UNIT.

79854	LECT-DISC	A	11	M W F	396	L H			KIM
79861	LECT-DISC	B	2	M W F	133	1207 W ORE			SEAMAN

SOC W 316 SOCIAL SERVICES FOR CHILDREN.
PREREQUISITE: SOC. W. 300, OR TAKEN CONCURRENTLY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

79879	LECT-DISC	A	11	M W F	113	D H			ASCOLI
79886	LECT-DISC	B	1	M W F	396	L H			ASCOLI
79893	LECT-DISC	C	2-330	TU TH	153	A S L			COSTIN

SOC W 318 SPECIAL PROBLEMS.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

79904	LECT-DISC	A	3-5	M	103	1207 W ORE			GULLERUD
79911	LECT-DISC	B	1-3	TH	21	1207 W ORE			STAFF
79929	LECT-DISC	C	ARR		21	1207 W ORE			ANDERSON

SOC W 333 INTRODUCTION TO SOCIAL GROUP WORK.
PREREQUISITE: JUNIOR STANDING WITH INTRODUCTORY COURSES IN SOCIOLOGY, PSYCHOLOGY, SOCIAL SCIENCES.
2 HOURS OR 1/2 UNIT.

79936	LECT-DISC	A	1-3	TU	396	L H			LEUENBERGER

COURSES FOR GRADUATES

TO BE ADMITTED TO GRADUATE STUDY IN SOCIAL WORK STUDENTS MUST HAVE HAD AT LEAST TWENTY SEMESTER HOURS IN THE SOCIAL SCIENCES, PREFERABLY INCLUDING COURSEWORK IN SOCIAL ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK OR SOCIAL WELFARE, AND SOCIOLOGY. COMPLETION OF A COURSE IN STATISTICS AND/OR RESEARCH METHODOLOGY IS RECOMMENDED.

SOC W 420 COMPARATIVE APPROACHES IN COMMUNITY ORGANIZATION PRACTICE.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 421 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

79943	LECT-DISC	A	9-1030	TU TH	21	1207 W ORE			PANITCH

SOC W 421 PRINCIPLES OF SOCIAL WORK TREATMENT.
1/2 TO 1 1/2 UNITS.

79951	LECT-DISC	A	8	M W F	103	1207 W ORE			JOHNSON
79968	LECT-DISC	B	9	M W F	133	1207 W ORE			MONKMAN

SOC W 422 A COMPARATIVE ANALYSIS OF APPROACHES IN CASEWORK.
PREREQUISITE: SOC. W. 421, 451, OR CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS.

79975	LECT-DISC	A	1	M W F	103	1207 W ORE			JOHNSON
79982	LECT-DISC	B	2	M W F	21	1207 W ORE			MONKMAN

SOC W 425 GROUP PROCESS AND METHOD.
1/2 TO 1 UNIT.

79990	LECT-DISC	A	1	M W	133	1207 W ORE			EUSTER
80006	LECT-DISC	B	2	M W	103	1207 W ORE			EUSTER

SOC W 426 SOCIAL PLANNING AND ADMINISTRATION.
1/2 TO 1 UNIT.

80013	LECT-DISC	A	11	M W F	21	1207 W ORE			ANDERSON

SOC W 427 SOCIAL RESEARCH.
1/2 TO 1 UNIT.

80021	LECT-DISC	A	9-12	TU	ARR				GOULD
		A	11	TH	ARR				
80038	LECT-DISC	B	9-12	TU	ARR				GULLERUD
		B	11	TH	ARR				

SOC W 429 SEMINAR IN METHODS OF INTERVENTION WITH LOW-INCOME FAMILIES.
PREREQUISITE: SOC. W. 421 OR EQUIVALENT.
1/2 TO 1 1/2 UNITS.

80045	LECT-DISC		11	M	W	F	133	1207 W ORE	WATTENBERG

SOC W 431 PRACTICE SEMINAR, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

80052	PRACT		ARR					1207 W ORE	EUSTER

SOC W 432 PRACTICE SEMINAR, II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

80060	PRACT		9-12			F	103	1207 W ORE	ITZIN
			ARR						VATTANO
			ARR						MCDONALD
			ARR						LEUENBERGER
			ARR						EUSTER

SOC W 451 HUMAN GROWTH AND BEHAVIOR, I.
1/2 TO 1 UNIT.

80077	LECT-DISC	A	9-11		TH		133	1207 W ORE	BRIELAND
80084	LECT-DISC	B	3-5	M			133	1207 W ORE	BRIELAND
80091	LECT-DISC	C	9-11		TH		103	1207 W ORE	KIM

SOC W 452 HUMAN GROWTH AND BEHAVIOR, II.
PREREQUISITE: SOC. W. 451.
1/2 TO 1 1/2 UNITS.

80102	LECT-DISC	A	3-5	M			21	1207 W ORE	VATTANO

SOC W 461 SPECIAL STUDIES IN SOCIAL WORK I.
1/2 TO 2 UNITS.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

80110	CONF	A	ARR						STAFF

SOC W 462 SPECIAL STUDIES IN SOCIAL WORK II.
1/2 TO 2 UNITS.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

80127	CONF	A	ARR						STAFF

SOC W 466 FIELD INSTRUCTION, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

80134	PRACT	A	2		TU		133	1207 W ORE	WATTENBERG
		A	1-4			TH	133	1207 W ORE	WATTENBERG
80141	PRACT	B	2		TU		103	1207 W ORE	GOULD
80159	PRACT	C	1-4			TH	103	1207 W ORE	BRIELAND

SOC W 467 FIELD INSTRUCTION, II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

80166	PRACT	A	2-3		TU		ARR		DOWNING

SOC W 468 FIELD INSTRUCTION, III.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

80173	PRACT	A	ARR						STAFF

SOC W 469 FIELD INSTRUCTION, IV.
PREREQUISITE: SOC. W. 468.
1 TO 2 UNITS.

80181	PRACT	A	ARR						STAFF
80198	PRACT	B	ARR						STAFF
80209	PRACT	C	ARR						STAFF
80216	PRACT	D	ARR						STAFF
80223	PRACT	E	ARR						STAFF

SOC W 481 SOCIAL SERVICES AND WELFARE POLICY, I.
1 TO 1 1/2 UNITS.

80231	LECT-DISC	A	2-5			F	103	1207 W ORE	MCDONALD
80248	LECT-DISC	B	10-1130	M	W		103	1207 W ORE	COSTIN

SOC W 484 NATIONAL SOCIAL WELFARE POLICY, I.
PREREQUISITE: SOC. W. 481 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

80255	LECT-DISC		ARR	STAFF

SOC W 491 RESEARCH SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS.

80262	PRACT	A	ARR	GOULD
80270	PRACT	B	ARR	GOULD
80287	PRACT	C	ARR	GULLERUD
80294	PRACT	D	ARR	GULLERUD
80305	PRACT	E	ARR	GULLERUD

SOCIOLOGY

DEPARTMENT OFFICE 342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIOLOGY MAJORS ARE REQUIRED TO TAKE SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201, 212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS AREA).

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE PSYCHOLOGY AND SOCIAL WORK. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SOCIOLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

COURSES FOR UNDERGRADUATES

SOC 100 INTRODUCTION TO SOCIOLOGY.
*CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.
*3 HOURS.
EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION.
NOTE: LECTURE A WILL HAVE MUCH COMPARATIVE AND ASIAN EMPHASIS.

80312	QUIZ	A1	9		TH	134	ARMORY	
	LECT	A	2	M W		66	LIB	JACOBS
80320	QUIZ	A2	10		TH	134	ARMORY	
	LECT	A	2	M W		66	LIB	JACOBS
80337	QUIZ	A3	11		TH	134	ARMORY	
	LECT	A	2	M W		66	LIB	JACOBS
80344	QUIZ	A4	1		F	134	ARMORY	
	LECT	A	2	M W		66	LIB	JACOBS
80351	QUIZ	A5	10	TU		205	E B	
	LECT	A	2	M W		66	LIB	JACOBS
80369	QUIZ	A6	2		F	134	ARMORY	
	LECT	A	2	M W		66	LIB	JACOBS
80376	QUIZ	A7	10		TH	205	E B	
	LECT	A	2	M W		66	LIB	JACOBS
80383	QUIZ	A8	10	TU		209	E B	
	LECT	A	2	M W		66	LIB	JACOBS
80391	QUIZ	B1	10		TH	209	E B	
	LECT	B	1	M W		L H	THEATER	WILEY
80401	QUIZ	B2	1		TH	209	E B	
	LECT	B	1	M W		L H	THEATER	WILEY
80419	QUIZ	B3	1	TU		209	E B	
	LECT	B	1	M W		L H	THEATER	WILEY
80426	QUIZ	B4	9		F	134	ARMORY	
	LECT	B	1	M W		L H	THEATER	WILEY

SOC 100 CONTINUED

80433	QUIZ	B5	11	F	134	ARMORY	
	LECT	B	1	M W	L H THEATER		WILEY
80441	QUIZ	B6	1	F	340	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80458	QUIZ	B7	2	F	300	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80465	QUIZ	B8	9	TU	314	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80472	QUIZ	B9	9	F	314	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80480	QUIZ	B10	2	F	314	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80497	QUIZ	B11	9	TH	314	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80508	QUIZ	B12	9	TU	134	ARMORY	
	LECT	B	1	M W	L H THEATER		WILEY
80515	QUIZ	B13	10	TU	134	ARMORY	
	LECT	B	1	M W	L H THEATER		WILEY
80522	QUIZ	B14	11	TU	134	ARMORY	
	LECT	B	1	M W	L H THEATER		WILEY
80530	QUIZ	B15	9	TU	340	L H	
	LECT	B	1	M W	L H THEATER		WILEY
80547	QUIZ	B16	9	TH	340	L H	
	LECT	B	1	M W	L H THEATER		WILEY

SOC 184 NON-STATISTICAL INTRODUCTION TO SOCIAL SCIENCE RESEARCH METHODS.

PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1, B1 AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2 OR C2.

80554	LECT-DISC	*A1	11	M W F	314	L H	WOELFEL
80586	LECT-DISC	*A2	11	M W F	314	L H	
80561	LECT-DISC	*B1	10-1130	TU TH	340	L H	WONG
80593	LECT-DISC	*B2	10-1130	TU TH	340	L H	
80579	LECT-DISC	*C1	9	M W F	340	L H	STAFF
80604	LECT-DISC	*C2	9	M W F	340	L H	

SOC 185 INTRODUCTION TO SOCIAL STATISTICS.
SAME AS GEOG. 185.

PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1, B1 AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2 OR C2. GEOGRAPHY MAJORS SEE GEOGRAPHY 185.

80611	LECT-DISC	*A1	9-1030	TU TH	300	L H	UCHE
80643	LECT-DISC	*A2	9-1030	TU TH	300	L H	
80629	LECT-DISC	*B1	1	M W F	300	L H	WIEBE
80651	LECT-DISC	*B2	1	M W F	300	L H	
80636	LECT-DISC	*C1	9	M W F	300	L H	STAFF
80668	LECT-DISC	*C2	9	M W F	300	L H	

SOC 190 INDIVIDUAL TOPICS FOR UNDERGRADUATES.

PREREQUISITE: SIX HOURS OF SOCIOLOGY OR THREE HOURS OF SOCIOLOGY, CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 6 HOURS.

80675	CONF	A	ARR				STAFF

SOC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: THE EFFECTS OF POLITICAL VIOLENCE.
SECTION B TOPIC: AFRICAN SOCIETIES.

80682	CONF	A	11	M	W	F	300	L H		SOUTHWOOD
80690	CONF	B	2	M	W	F	340	L H		UCHE

COURSES FOR ADVANCED UNDERGRADUATES

SOC 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.
PREREQUISITE: SOC. 100 OR SOC. 152 OR R. SOC. 117.
*CREDIT IS NOT GIVEN FOR SOC. 201 AND PSYCH. 201.
*4 HOURS.
LECTURE-DISCUSSION 1 AND LAB-DISCUSSIONS A1, B1, C1, AND D1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE-DISCUSSION 2 AND LAB-DISCUSSIONS A2, B2, C2, OR D2.

80701	LECT-DISC	1	10	M	W	F	112	G H		STAFF
80757	LECT-DISC	2	10	M	W	F	112	G H		
80718	LAB-DISC	A1	2	M			314	L H		
80764	LAB-DISC	A2	2	M			314	L H		
80725	LAB-DISC	B1	3	M			314	L H		
80771	LAB-DISC	B2	3	M			314	L H		
80732	LAB-DISC	C1	10		TU		201	E B		
80789	LAB-DISC	C2	10		TU		201	E B		
80740	LAB-DISC	D1	10			TH	201	E B		
80796	LAB-DISC	D2	10			TH	201	E B		

SOC 206 POLITICAL SOCIOLOGY.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

80807	LECT-DISC	*A1	11	M	W	F	101	ARMORY		DRUM
80814	LECT-DISC	*A2	11	M	W	F	101	ARMORY		DRUM

SOC 218 TECHNOLOGY AND SOCIAL CHANGE.
PREREQUISITE: SOC. 100 OR EQUIVALENT.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

80821	LECT-DISC	*A1	10-1130	TU	TH		103	M H		SOLAUN
80839	LECT-DISC	*A2	10-1130	TU	TH		103	M H		

SOC 223 STRATIFICATION AND SOCIAL CLASSES.
PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL SCIENCE.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

80846	LECT-DISC	*A1	2	M	W	F	100	M M B		WOELFEL
80853	LECT-DISC	*A2	2	M	W	F	100	M M B		

SOC 225 RACIAL AND CULTURAL MINORITIES.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

80861	LECT-DISC	*A1	130-3	TU	TH		L H	THEATER		KRONUS
80878	LECT-DISC	*A2	130-3	TU	TH		L H	THEATER		

SOC 229 SOCIOLOGY OF RELIGION.
SAME AS RELST. 229.
PREREQUISITE: A COURSE IN INTRODUCTORY SOCIOLOGY.
3 HOURS.

80885	LECT-DISC	A	10	M	W	F	340	L H		WIEBE

SOC 231 ANALYSIS OF JUVENILE DELINQUENCY.
PREREQUISITE--SOC. 100 OR 151.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

80892	LECT-DISC	*A1	1-230	TU	TH		116	E C		BORDUA
80903	LECT-DISC	*A2	1-230	TU	TH		116	E C		

SOC 240 COLLECTIVE BEHAVIOR.
PREREQUISITE: SOC. 100 OR 151.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

80911	LECT-DISC	*A1	10-1130	TU TH	202	H H	MC PHAIL
80928	LECT-DISC	*A2	10-1130	TU TH	202	H H	

SOC 270 POPULATION, AND HUMAN ECOLOGY.
SAME AS R. SOC. 270.
PREREQUISITE: SOC. 100 OR 151, OR R. SOC. 117, JUNIOR STANDING.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2. AGRICULTURAL ECONOMICS MAJORS
SEE RURAL SOCIOLOGY 270.

80935	LECT-DISC	*A1	130-3	TU TH	300	L H	CHOLDIN
80942	LECT-DISC	*A2	130-3	TU TH	300	L H	

SOC 276 SOCIOLOGY OF THE CITY.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
JUNIOR STANDING.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.
LAB PERIOD FROM 1-4 F WILL BE ARRANGED SO THAT EACH STUDENT WILL
ATTEND LAB ONLY ONCE EVERY THREE WEEKS.

80950	LECT-DISC	*A1	1	M W	151	E E B		CHOLDIN
	LAB	*A1	1-4	F	160	ARMORY		
80967	LECT-DISC	*A2	1	M W	151	E E B		
	LAB	*A2	1-4	F	160	ARMORY		

SOC 290 HONORS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 6 HOURS.

80974	CONF	&A	ARR				STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SOC 300 TWENTIETH CENTURY SOCIOLOGICAL THEORY.
PREREQUISITE: SOC. 100.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

80981	LECT-DISC	*A1	2-315	TU TH	124	BUR HALL	JOHNSON
80999	LECT-DISC	*A2	2-315	TU TH	124	BUR HALL	

SOC 317 SOCIOLOGY OF LAW.
PREREQUISITE: SOC. 100.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

81001	LECT-DISC	*A1	1030-12	TU TH	314	L H	GORECKI
81019	LECT-DISC	*A2	1030-12	TU TH	314	L H	

SOC 318 INDUSTRY AND SOCIETY.
SAME AS L.I.R. 318.
PREREQUISITE: SIX HOURS OF SOCIOLOGY INCLUDING ONE OF THE
FOLLOWING--SOC. 218, 223, 300, 322, 326, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2. LABOR AND INDUSTRIAL RELATIONS
MAJORS SEE L. I. R. 318.

81026	LECT-DISC	*A1	1030-12	TU TH	300	L H	KARSH
81033	LECT-DISC	*A2	1030-12	TU TH	300	L H	

SOC 320 SOCIAL ROLES.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION A2.

81041	LECT-DISC	*A1	1-230	TU TH	314	L H	DENZIN
81058	LECT-DISC	*A2	1-230	TU TH	314	L H	

SOC 322 SOCIOLOGY OF BUREAUCRACY AND ADMINISTRATIVE ORGANIZATION.
PREREQUISITE: NINE HOURS OF SOCIOLOGY INCLUDING SOC. 300, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

81065	LECT-DISC	*A1	10	M W F	300	L H		KIMBERLY
81072	LECT-DISC	*A2	10	M W F	300	L H		

SOC 326 SOCIAL MOBILITY AND CLASS STRUCTURE.
PREREQUISITE: SOC. 223, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

81080	LECT-DISC	*A1	3-430	M W	340	L H		WILEY
81097	LECT-DISC	*A2	3-430	M W	340	L H		

SOC 329 COMPARATIVE FAMILY INSTITUTIONS.
PREREQUISITE: SOC. 185.
3 HOURS, OR 1/2 OR 1 UNIT.

81108	LECT-DISC	A	1-230	TU TH	340	L H		LUESCHEN

SOC 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 332.
PREREQUISITE: PSYCH. 201 OR SOC. 201, AND PSYCH. 235 OR SOC. 184 AND 185, AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.

81179	LAB-DISC	*A1	1	TU TH	17	PSYCH BLDG		
		*A1	8-10	M W	151	PSYCH BLDG		
81115	LAB-DISC	*A2	1	TU TH	17	PSYCH BLDG		
		*A2	8-10	M W	151	PSYCH BLDG		
81186	LAB-DISC	*A3	1	TU TH	17	PSYCH BLDG		
		*A3	10-12	M W	151	PSYCH BLDG		
81122	LAB-DISC	*A4	1	TU TH	17	PSYCH BLDG		
		*A4	10-12	M W	151	PSYCH BLDG		
81193	LAB-DISC	*A5	1	TU TH	17	PSYCH BLDG		
		*A5	8-10	TU TH	151	PSYCH BLDG		
81130	LAB-DISC	*A6	1	TU TH	17	PSYCH BLDG		
		*A6	8-10	TU TH	151	PSYCH BLDG		
81204	LAB-DISC	*A7	1	TU TH	17	PSYCH BLDG		
		*A7	10-12	TU TH	151	PSYCH BLDG		
81147	LAB-DISC	*A8	1	TU TH	17	PSYCH BLDG		
		*A8	10-12	TU TH	151	PSYCH BLDG		
81211	LAB-DISC	*B1	11	TU TH	29	PSYCH BLDG		
		*B1	1-3	M W	151	PSYCH BLDG		
81154	LAB-DISC	*B2	11	TU TH	29	PSYCH BLDG		
		*B2	1-3	M W	151	PSYCH BLDG		
81229	LAB-DISC	*B3	11	TU TH	29	PSYCH BLDG		
		*B3	1-3	TU TH	151	PSYCH BLDG		
81161	LAB-DISC	*B4	11	TU TH	29	PSYCH BLDG		
		*B4	1-3	TU TH	151	PSYCH BLDG		

SOC 343 SOCIAL CHANGE IN DEVELOPING AREAS.
SAME AS R. SOC. 343.
PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

81236	LECT-DISC	A	11	M W F	340	L H		STAFF

SOC 350 SOVIET SOCIAL INSTITUTIONS.
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR.
PREREQUISITE WAIVED FOR MAJORS AND MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES.
3 HOURS, OR 1/2 OR 1 UNIT.

81243	LECT-DISC	A	3-430	TU TH	300	L H		GORECKI

SOC 351 ADVANCED SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 351 AND COMM. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.
3 HOURS, OR 1/2 OR 1 UNIT.

81251	LECT		10	M W F	29	PSYCH BLDG		

SOC 352 ATTITUDE THEORY AND MEASUREMENT.
SAME AS PSYCH. 352 AND COMM. 352.
PREREQUISITE: SOC. 201 OR PSYCH. 201 AND A COURSE IN STATISTICS.
3 HOURS, OR 1/2 OR 1 UNIT.

81268	LECT		1	M W F	13	PSYCH BLDG		

SOC 355 CHINESE SOCIETY.
PREREQUISITE: SOC. 100, OR 151-152, OR R. SOC. 117, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

81275	LECT-DISC	A	230-4	TU TH	340	L H	WONG

SOC 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., V.M.S., AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

81282	LECT-DISC		11	M W F	112	C A	

SOC 371 COMPARATIVE SOCIAL INSTITUTIONS
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

81290	LECT-DISC	A	3	M W F	300	L H	JACOBS

SOC 373 LATIN AMERICAN SOCIAL ORGANIZATION AND INSTITUTIONS.
PREREQUISITE: SOC. 100 OR 151 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

81301	LECT-DISC	A	10	M W F	134	ARMORY	SOLAUN

SOC 385 SOCIAL STATISTICS, I.
PREREQUISITE: SOC. 185, OR MATH. 122 OR 123, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

81318	LECT-DISC	*A1	1	M W F	314	L H	SOUTHWOOD
81325	LECT-DISC	*A2	1	M W F	314	L H	

SOC 386 METHODS OF FIELD RESEARCH.
SAME AS PSYCH. 386.
PREREQUISITE: SOC. 184 AND 185, OR PSYCH. 235.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2. PSYCHOLOGY MAJORS SEE PSYCHOLOGY 386.

81332	LECT-DISC	*A1	3-430	TU TH	314	L H	STAFF
81340	LECT-DISC	*A2	3-430	TU TH	314	L H	

COURSES FOR GRADUATES

SOC 406 RECENT DEVELOPMENTS IN SOCIOLOGICAL THEORY IN THE UNITED STATES.
PREREQUISITE: SOC. 300.
1 UNIT.

81357	LECT-DISC	A	4-530	TU	333	L H	JOHNSON

SOC 409 PSYCHOLOGICAL SCALING.
SAME AS PSYCH. 409.
PREREQUISITE: PSYCH. 307.
1 UNIT.

81364	LECT		1-3	F	27	PSYCH BLDG	

SOC 414 SEMINAR ON SOCIAL INTERACTION.
SAME AS COMM. 414.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
1 UNIT.

81371	LECT-DISC	A	3-5	TH	333	L H	DENZIN

SOC 415 SURVEY RESEARCH METHODS, I.
*CREDIT FOR THIS COURSE IS GIVEN ONLY IF SOC. 416 IS COMPLETED DURING THE FOLLOWING SEMESTER.
*1 UNIT.

81389	LECT-DISC	A	3-5	TU	240	L H	STAFF

SOC 421 SEMINAR ON RESEARCH IN MARRIAGE AND FAMILY LIFE.
PREREQUISITE: CONSENT OF THE INSTRUCTOR.
1 UNIT.

81396	LECT-DISC	A	10-12	TU	333	L H		FARBER

SOC 425 RACIAL AND CULTURAL MINORITIES.
PREREQUISITE: UNDERGRADUATE MAJOR OR MINOR IN SOCIOLOGY OR ANTHROPOLOGY.
1 UNIT.

81407	LECT-DISC	A	10-12	TU	336	L H		ORUM

SOC 432 SPECIAL PROBLEMS IN THEORY AND RESEARCH ON DEVIANT BEHAVIOR.
PREREQUISITE: SOC. 331 AND 333, OR CONSENT OF INSTRUCTOR.
1 UNIT.

81414	LECT-DISC	A	3-5	W	333	L H		BORDUA

SOC 456 ORGANIZATIONAL SCIENCES, I.
SAME AS B. ADM. 410, POL. S. 460, AND PSYCH. 453.
PREREQUISITE: ENROLLMENT AS A MAJOR IN ORGANIZATION SCIENCES IN A COOPERATING PROGRAM OR APPROVAL OF INSTRUCTOR.
1 UNIT.

81421	LECT-DISC		10-12	M	96	COM W		

SOC 474 SURVEY METHODS IN MARKETING RESEARCH.
SAME AS B. ADM. 471.
PREREQUISITE: SOC. 185, ECON. 171, OR EQUIVALENT.
1 UNIT.

81439	LECT-DISC		1-3	TH	96	COM W		SUDMAN

SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
SAME AS R. SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY, CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

81446	CONF		ARR					

SOC 490 INDIVIDUAL TOPICS IN SOCIOLOGY.
1/2 TO 2 UNITS.

81453	CONF	A	ARR					STAFF
81461	CONF	B	ARR					STAFF

SOC 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION B IS FOR DOCTORS THESIS.

81478	CONF	A	ARR					STAFF
81485	CONF	*B	ARR					STAFF

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222. A MINIMUM OF ONE COURSE MUST BE TAKEN FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352, LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

COURSES FOR UNDERGRADUATES

SPAN 101 ELEMENTARY SPANISH, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS E3-E28.
*SECTION F1 IS AN EXPERIMENTAL SECTION USING PLATO AND WILL MEET FIVE DAYS PER WEEK.
SECTIONS C1 AND H1 ARE OPEN TO SEOP STUDENTS AND TO OTHERS UPON APPROVAL OF ADVISER.

81492	LECT-DISC	A1	8	TUWTHF	176	L	H
81503	LECT-DISC	A2	8	TUWTHF	230	L	H
81511	LECT-DISC	B1	9	TUWTHF	152	ARMORY	
81528	LECT-DISC	B2	9	TUWTHF	136	ARMORY	
81881	LECT-DISC	*C1	10	TUWTHF	4	G	H
81535	LECT-DISC	C2	10	TUWTHF	152	ARMORY	
81542	LECT-DISC	D1	11	TUWTHF	216	L	H
81550	LECT-DISC	D2	11	TUWTHF	152	ARMORY	
81567	LECT-DISC	X1	12	MTUWTH	176	L	H
81574	LECT-DISC	X2	12	MTUWTH	431	ARMORY	
81581	LECT-DISC	E1	1	MTUWTH	176	L	H
81599	LECT-DISC	E2	1	MTUWTH	431	ARMORY	
81909	LECT-DISC	*F1	2	MTUWTHF	108	L	H
81600	LECT-DISC	F2	2	MTUWTH	176	L	H
81617	LECT-DISC	G1	3	MTUWTH	216	L	H
81624	LECT-DISC	G2	3	MTUWTH	108	L	H
81898	LECT-DISC	*H1	4	MTUWTH	1136	F	L B
81631	LECT-DISC	H2	4	MTUWTH	108	L	H
81649	LAB	E3	8-830	M W	202	L	H
81656	LAB	E4	830-9	M W	202	L	H
81663	LAB	E5	9-930	M W	202	L	H
81671	LAB	E6	930-10	M W	202	L	H
81688	LAB	E7	10-1030	M W	202	L	H
81695	LAB	E8	1030-11	M W	202	L	H
81706	LAB	E9	11-1130	M W	202	L	H
81713	LAB	E10	1130-12	M W	202	L	H
81721	LAB	E11	12-1230	M W	202	L	H
81738	LAB	E12	1230-1	M W	202	L	H
81745	LAB	E13	1-130	M W	202	L	H
81752	LAB	E14	130-2	M W	202	L	H
81760	LAB	E15	2-230	M W	202	L	H
81777	LAB	E16	230-3	M W	202	L	H
81784	LAB	E17	3-330	M W	202	L	H
81791	LAB	E18	330-4	M W	202	L	H
81802	LAB	E19	4-430	M W	202	L	H
81810	LAB	E20	430-5	M W	202	L	H
81827	LAB	E21	5-530	M W	202	L	H
81834	LAB	E22	530-6	M W	202	L	H
81841	LAB	E25	7-730PM	M W	202	L	H
81859	LAB	E26	730-8PM	M W	202	L	H
81866	LAB	E27	8-830PM	M W	202	L	H
81873	LAB	E28	830-9PM	M W	202	L	H

SPAN 102 ELEMENTARY SPANISH, II.

PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS F3-F22.
*STARRED SECTIONS A1, B, X2, AND E WILL MEET FIVE HOURS PER WEEK.
ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN THESE SECTIONS.
SECTION X1 IS OPEN TO SEOP STUDENTS AND TO OTHERS UPON APPROVAL OF ADVISER.

82174	LECT-DISC	*A1	8	MTUWTHF	1128	F L B	
81916	LECT-DISC	A2	8	TUWTHF	4	G H	
82181	LECT-DISC	*B	9	MTUWTHF	431	ARMORY	
81923	LECT-DISC	D	11	TUWTHF	176	L H	
82217	LECT-DISC	X1	12	MTUWTH	118	L H	
82199	LECT-DISC	*X2	12	MTUWTHF	136	ARMORY	
81931	LECT-DISC	X3	12	MTUWTH	152	ARMORY	
82200	LECT-DISC	*E1	1	MTUWTHF	136	ARMORY	
81948	LECT-DISC	E2	1	MTUWTH	170	L H	
81955	LECT-DISC	F	2	MTUWTH	4	G H	
81962	LECT-DISC	G	3	MTUWTH	1128	F L B	
81970	LAB	F3	8-830	M W	202	L H	
81987	LAB	F4	830-9	M W	202	L H	
81994	LAB	F5	9-930	M W	202	L H	
82007	LAB	F6	930-10	M W	202	L H	
82014	LAB	F7	10-1030	M W	202	L H	
82021	LAB	F8	1030-11	M W	202	L H	
82039	LAB	F9	11-1130	M W	202	L H	
82046	LAB	F10	1130-12	M W	202	L H	
82053	LAB	F11	12-1230	M W	202	L H	
82061	LAB	F12	1230-1	M W	202	L H	
82078	LAB	F13	1-130	M W	202	L H	
82085	LAB	F14	130-2	M W	202	L H	
82092	LAB	F15	2-230	M W	202	L H	
82103	LAB	F16	230-3	M W	202	L H	
82111	LAB	F17	3-330	M W	202	L H	
82128	LAB	F18	330-4	M W	202	L H	
82135	LAB	F19	4-430	M W	202	L H	
82142	LAB	F20	430-5	M W	202	L H	
82150	LAB	F21	5-530	M W	202	L H	
82167	LAB	F22	530-6	M W	202	L H	

SPAN 103 INTERMEDIATE SPANISH, I.

PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS G3-G28.
*SECTION &B IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPAN 102.

82224	LECT-DISC	A	8	TUWTHF	1136	F L B	
82587	LECT-DISC	*&B	9	TUWTHF	4	G H	
82231	LECT-DISC	C1	10	TUWTHF	431	ARMORY	
82249	LECT-DISC	C2	10	TUWTHF	136	ARMORY	
82256	LECT-DISC	D1	11	TUWTHF	170	L H	
82263	LECT-DISC	D2	11	TUWTHF	431	ARMORY	
82271	LECT-DISC	X	12	MTUWTH	170	L H	
82288	LECT-DISC	E	1	MTUWTH	4	G H	
82295	LECT-DISC	F1	2	MTUWTH	431	ARMORY	
82306	LECT-DISC	F2	2	MTUWTH	136	ARMORY	
82313	LECT-DISC	G1	3	MTUWTH	431	ARMORY	
82321	LECT-DISC	G2	3	MTUWTH	176	L H	
82338	LECT-DISC	M	4	MTUWTH	230	L H	
82345	LAB	G3	8-830	M TH	202	L H	
82352	LAB	G4	830-9	M TH	202	L H	
82360	LAB	G5	9-930	M TH	202	L H	
82377	LAB	G6	930-10	M TH	202	L H	
82384	LAB	G7	10-1030	M TH	202	L H	
82391	LAB	G8	1030-11	M TH	202	L H	
82402	LAB	G9	11-1130	M TH	202	L H	
82410	LAB	G10	1130-12	M TH	202	L H	
82427	LAB	G11	12-1230	M TH	202	L H	
82434	LAB	G12	1230-1	M TH	202	L H	
82441	LAB	G13	1-130	M TH	202	L H	
82459	LAB	G14	130-2	M TH	202	L H	
82466	LAB	G15	2-230	M TH	202	L H	
82473	LAB	G16	230-3	M TH	202	L H	
82481	LAB	G17	3-330	M TH	202	L H	
82498	LAB	G18	330-4	M TH	202	L H	

SPAN 103 CONTINUED

82509	LAB	G19	4-430	M	TH	202	L	H
82516	LAB	G20	430-5	M	TH	202	L	H
82523	LAB	G21	5-530	M	TH	202	L	H
82531	LAB	G22	530-6	M	TH	202	L	H
82548	LAB	G25	7-730PM	M	TH	202	L	H
82555	LAB	G26	730-8PM	M	TH	202	L	H
82562	LAB	G27	8-830PM	M	TH	202	L	H
82570	LAB	G28	830-9PM	M	TH	202	L	H

SPAN 104 INTERMEDIATE SPANISH, II.
PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH.
4 HOURS.
*SECTION & C IS AN HONORS SECTION, OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 103.

82594	LECT-DISC	A	8	TUWTHF	1120	F	L	B
82605	LECT-DISC	B	9	TUWTHF	176	L	H	
82676	LECT-DISC	*&C	10	TUWTHF	176	L	H	
82612	LECT-DISC	D	11	TUWTHF	4	G	H	
82620	LECT-DISC	X1	12	MTUWTH	1128	F	L	B
82637	LECT-DISC	X2	12	MTUWTH	4	G	H	
82644	LECT-DISC	E	1	MTUWTH	1136	F	L	B
82651	LECT-DISC	F	2	MTUWTH	1120	F	L	B
82669	LECT-DISC	G	3	MTUWTH	1136	F	L	B

SPAN 107 READINGS IN SPANISH (RE: SPAIN).
PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.
3 HOURS.

82683	LECT-DISC	X	12	M W F	1118	F	L	B

SPAN 108 READINGS IN SPANISH (RE: SPANISH AMERICAN).
PREREQUISITE: SPAN. 107.
3 HOURS.

82691	LECT-DISC	X	12	M W F	1134	F	L	B

SPAN 111 CONVERSATIONAL SPANISH.
PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.
4 HOURS.

82701	LECT-DISC	D	11	MTUWTH	108	L	H	

SPAN 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

82719	CONF		APR	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

SPAN 211 INTERMEDIATE COMPOSITION AND CONVERSATION, I.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS.

82726	LECT-DISC	A	8	M W F	118	L	H	
82733	LECT-DISC	B1	9	M W F	230	L	H	
82741	LECT-DISC	B2	9	M W F	1134	F	L	B
82758	LECT-DISC	C	10	M W F	1134	F	L	B
82765	LECT-DISC	D	11	M W F	230	L	H	
82772	LECT-DISC	X	12	M W F	1126	F	L	B
82780	LECT-DISC	E	1	M W F	1126	F	L	B
82797	LECT-DISC	F	2	M W F	170	L	H	
82808	LECT-DISC	G	3	M W F	1126	F	L	B

SPAN 212 INTERMEDIATE COMPOSITION AND CONVERSATION, II.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 211 OR EQUIVALENT.
3 HOURS.

82815	LECT-DISC	B	9	M W F	118	L	H	
82822	LECT-DISC	C	10	M W F	230	L	H	
82830	LECT-DISC	F	2	M W F	230	L	H	

SPAN 213 ADVANCED COMPOSITION AND CONVERSATION, I.
PREREQUISITE: SPAN. 212 OR EQUIVALENT.
3 HOURS.

82847	LECT-DISC	A	8	M	W	F	1126	F L B	
82854	LECT-DISC	C	10	M	W	F	118	L H	
82861	LECT-DISC	D	11	M	W	F	118	L H	

SPAN 215 SPOKEN SPANISH.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 212, SENIOR STANDING.
4 HOURS.

82879	LECT-DISC	Z1	2-4	MTUWTH			1134	F L B	
82886	LECT-DISC	Z2	2-4	MTUWTH			118	L H	

SPAN 221 SPANISH DRAMA AND POETRY OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS.

82893	LECT-DISC	B	9	M	W	F	1136	F L B	
82904	LECT-DISC	C	10	M	W	F	1136	F L B	
82911	LECT-DISC	D	11	M	W	F	1136	F L B	
82929	LECT-DISC	E	1	M	W	F	1128	F L B	

SPAN 222 SPANISH-AMERICAN PROSE FICTION OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 221.
3 HOURS.

82936	LECT-DISC	B	9	M	W	F	1128	F L B	
82943	LECT-DISC	F	2	M	W	F	1128	F L B	

SPAN 241 STUDIES IN MODERN SPANISH LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS.

82951	LECT-DISC	C	10	M	W	F	1128	F L B	

SPAN 280 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR 211 AND 212.
2 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

82968	LECT-DISC	*N	4-530	TU TH			1128	F L B	FLORES

SPAN 291 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN SPANISH.
2 HOURS.

82975	CONF	&A	ARR						STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPAN 305 ROMANTICISM AND REALISM IN NINETEENTH-CENTURY SPANISH LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

82982	LECT-DISC		1	M	W	F	1120	F L B	COWES

SPAN 306 THE GENERATION OF 1898.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

82990	LECT-DISC		10	M	W	F	1120	F L B	LOTT

SPAN 307 SPANISH-AMERICAN LITERATURE TO 1888.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

83002	LECT-DISC		11	M	W	F	1128	F L B	MEEHAN

SPAN 308 SPANISH-AMERICAN MODERNISMO.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

83010	LECT-DISC		2	M	W	F	1136	F L B	MEEHAN

SPAN 309 INTRODUCTION TO MEDIEVAL SPANISH LITERATURE.
PREREQUISITE: ONE OF SPAN. 305, 306, 307 OR 308, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

83027	LECT-DISC		9	TU TH			1136	F L B	BALDWIN

SPAN 311 DON QUIXOTE AND THE PROSE OF THE GOLDEN AGE.
PREREQUISITE: SPAN. 305, 306, 307, OR 308, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

83034	LECT-DISC	9	M W	1120	F L B	

SPAN 331 LA CULTURA HISPANICA: ESPANA.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

83041	LECT-DISC	10	TU TH	1128	F L B	FLORES

SPAN 332 LA CULTURA HISPANICA: HISPANOAMERICA.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
*WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD.

83059	LECT-DISC *G	3	MTUWTH	1120	F L B	

SPAN 351 PHONETICS.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

83066	LECT-DISC M	9	TU TH	1120	F L B	ALLEN
83073	LECT-DISC N	10	TU TH	1120	F L B	BLAYLOCK

SPAN 352 SYNTAX.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

83081	LECT-DISC	11	TU TH	1128	F L B	WANNER

COURSES FOR GRADUATES

SPAN 400 BEGINNING SPANISH FOR GRADUATE STUDENTS.
4 HOURS.

83098	LECT-DISC	8	TUWTHF	1118	F L B	

SPAN 405 SPANISH BIBLIOGRAPHY.
1/2 UNIT.

83109	LECT-DISC	4	TU	1120	F L B	BLAYLOCK

SPAN 415 RENAISSANCE AND BAROQUE PROSE IN SPAIN.
PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT.
1 UNIT.

83116	LECT-DISC	11	M W	1126	F L B	HERSHBERG

SPAN 417 RENAISSANCE AND BAROQUE DRAMA IN SPAIN.
PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT.
1 UNIT.

83123	LECT-DISC	1	M W	1118	F L B	PORQUERAS-MAYO

SPAN 421 MODERN SPANISH NOVEL AND ESSAY.
1 UNIT.

83131	LECT-DISC	1	TU TH	1120	F L B	LOTT

SPAN 424 CONTEMPORARY SPANISH DRAMA.
1 UNIT.

83148	LECT-DISC	11	TU TH	1120	F L B	PASQUARIELLO

SPAN 426 SPANISH POETRY OF THE NINETEENTH AND TWENTIETH CENTURIES.
1 UNIT.

83155	LECT-DISC	2	TU TH	429	LIB	PIETRANGELI

SPAN 432 CONTEMPORARY SPANISH-AMERICAN POETRY.
PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT.
1 UNIT.

83162	LECT-DISC	10	TU TH	1126	F L B	FORSTER

SPAN 433 SPANISH-AMERICAN NOVEL TO 1945.
PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT.
1 UNIT.

83170	LECT-DISC	11	M W	1120	F L B	LEAL

SPAN 436 SEMINAR IN SPANISH-AMERICAN NOVEL.
SAME AS C. LIT. 462.
PREREQUISITE: SPAN. 433 OR 434.
1 UNIT.

83187	LECT-DISC	10	M W	1118	F L B		LEAL

SPAN 437 SPANISH-AMERICAN DRAMA.
PREREQUISITE: SPAN. 307, 308, OR 310.
1 UNIT.

83194	LECT-DISC	9	TU TH	1128	F L B		FORSTER

SPAN 442 SEMINAR IN MODERN SPANISH LITERATURE.
PREREQUISITE: SPAN. 305 AND 421 OR 423 OR EQUIVALENT.
1 UNIT.

83205	LECT-DISC	2	M W	1118	F L B		COWES

SPAN 452 SEMINAR IN SPANISH HISTORICAL LINGUISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

83212	LECT-DISC	2	M W	1126	F L B		SALTARELLI

SPAN 453 HISTORY OF THE SPANISH LANGUAGE.
1 UNIT.

83220	LECT-DISC	2	TU TH	1118	F L B		BLAYLOCK

SPAN 471 APPLIED LINGUISTICS AND TEACHING COLLEGE SPANISH.
1/2 UNIT.

83237	LECT-DISC	2	F	1134	F L B		SALTARELLI

SPAN 491 SPECIAL TOPICS IN SPANISH.
1/2 OR 1 UNIT.

83244	CONF	ARR					STAFF

SPAN 499 THESIS RESEARCH.
0 TO 4 UNITS.

83251	CONF	ARR					ALLEN, BALDWIN BLAYLOCK,COWES FLORES,FORSTER HERSHBERG,LEAL LOTT PASQUARIELLO, PIETRANGELI, PORQUERAS-MAYO PRETO-RODAS SALTARELLI

SPECIAL EDUCATION

DEPARTMENT OFFICE 210 EDUC

COURSES FOR UNDERGRADUATES

SP ED 117 EXCEPTIONAL CHILDREN.
PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100.
3 HOURS.

83269	LECT-DISC		2	M W F	62	K M		ROCK

SP ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

83276	CONF		ARR					UHLIR
83283	CONF	D1	ARR					BABBINI
83291	CONF	D2	ARR					BABBINI

COURSES FOR ADVANCED UNDERGRADUATES

SP ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

83301	CONF		ARR			210	EDUC	STAFF

SP ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

83319	CONF		ARR			210	EDUC	STAFF

SP ED 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

83326	CONF		ARR			210	EDUC	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SP ED 314 LABORATORY IN MEASUREMENT OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SP. ED. 324 (MAY BE TAKEN CONCURRENTLY), AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE; MAXIMUM CREDIT NOT TO EXCEED 4 HOURS OR 1 UNIT.
*2 HOURS OR 1/2 UNIT.

83333	LAB	B	ARR				1005 W NEV	
83341	LAB	E	ARR			210	EDUC	SCHULTZ
83358	LAB	G	2-4	W		COL WOLFE SCHOOL		TESKA/ZEHRBACH

SP ED 316 THE GIFTED CHILD IN SCHOOL AND SOCIETY.
PREREQUISITE: EDPSY. 211 OR 236; CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

83365	LECT-DISC		7-10PM	TU		382	EDUC	ZEHRBACH

SP ED 318 WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
4 TO 8 HOURS, OR 1 TO 2 UNITS.
*SECTION E1 - EDUCATION MAJORS ONLY.
*SECTION E2 PREREQUISITE: SP. ED. 321 OR CONSENT OF INSTRUCTOR.
ADDITIONAL LAB. HOURS ARE REQUIRED IN SECTIONS E1, E2, G1, AND B.

83372	LECT-DISC	A	3	M F		25	EDUC	JORDAN
		A	3-5	W		25	EDUC	JORDAN
83408	LECT-DISC	*E1	9-12	M		385	EDUC	SCHULTZ
83415	LECT-DISC	*E2	4-6	W		140	COM W	NECCO
83380	LECT-DISC	G1	2-4	TU		COL WOLFE SCHOOL		KARNES/TESKA
83397	LECT-DISC	B	10-12	TU		11	1005 W NEV	CHALFANT

SP ED 319 SPECIAL EDUCATION OF THE DEAF, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
5 HOURS, OR 1 TO 1 1/2 UNITS.

83422	LECT-DISC		1-3	M W F		28	EDUC	O'NEILL

SP ED 321 EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN.
PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EDPSY. 236, OR EQUIVALENT.
3 HOURS, OR 1/2 TO 1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

83430	LECT-DISC		*4-6	M	2	EDUC	NECCO

SP ED 322 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

83447	LECT-DISC		2	M W F	2	EDUC	UHLIR

SP ED 324 MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SP. ED. 117 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

83454	LECT-DISC	A	4-6	TU TH	126	COM W	ROCK

COURSES FOR GRADUATES

SP ED 416 PROBLEMS IN MENTAL DEFICIENCY.
PREREQUISITE: SP. ED. 322 OR CONSENT OF INSTRUCTOR.
1 UNIT.

83461	LECT-DISC		10-12	TH	382	EDUC	SALVIA

SP ED 417 PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR.
1 UNIT.

83479	LECT-DISC		7-9PM	M	166	EDUC	HURDER

SP ED 418 COMMUNICATIVE PROBLEMS OF THE DEAF.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

83486	LECT-DISC		ARR				QUIGLEY

SP ED 421 ADMINISTRATION AND SUPERVISION OF SPECIAL EDUCATION.
PREREQUISITE: SP. ED. 417, ED. AD. 460, AND CONSENT OF INSTRUCTOR.
FIELD TRIPS.
1 UNIT.

83493	LECT-DISC		10-12	W	382	EDUC	HENDERSON AND SPRIGGS

SP ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.
*1/2 OR 1 UNIT.

83504	CONF		ARR		210	EDUC	STAFF

SP ED 456 PROBLEMS AND TRENDS IN SPECIAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

83511	LECT-DISC	E	4-6	M	140	COM W	SCHULTZ
83529	LECT-DISC	B	7-9PM	TU	166	COM W	CHALFANT

SP ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1 TO 2 UNITS.

83536	LECT-DISC	G1	2-4	TH	COL	WOLFE SCHOOL	KARNES/TESKA
83543	LECT-DISC	B	10-12	TH	11	1005 W NEV	CHALFANT

SP ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

83551	CONF		ARR		210	EDUC	STAFF

SP ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

83568	CONF		ARR		210	EDUC	STAFF

DEPARTMENT OFFICE 133 L H

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY.
THE STUDENT SHOULD REPORT TO 133 LINCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMORES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COURSES.

COURSES FOR UNDERGRADUATES

SPCH 101 PRINCIPLES OF EFFECTIVE SPEAKING.
3 HOURS.
*SECTION &D IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS.

83575	LECT-DISC	A1	8	M	W	F	130	L H
83582	LECT-DISC	A2	8	M	W	F	330	ARMORY
83590	LECT-DISC	A3	8	M	W	F	331	ARMORY
83601	LECT-DISC	A4	8	M	W	F	242	M E B
83618	LECT-DISC	A5	8	M	W	F	145	L H
83625	LECT-DISC	B1	9	M	W	F	130	L H
83632	LECT-DISC	B2	9	M	W	F	330	ARMORY
83640	LECT-DISC	B3	9	M	W	F	331	ARMORY
83657	LECT-DISC	B4	9	M	W	F	242	M E B
83664	LECT-DISC	B5	9	M	W	F	145	L H
83671	LECT-DISC	B6	9	M	W	F	349	ARMORY
83689	LECT-DISC	C1	10	M	W	F	130	L H
83696	LECT-DISC	C2	10	M	W	F	330	ARMORY
83707	LECT-DISC	C3	10	M	W	F	331	ARMORY
83714	LECT-DISC	C4	10	M	W	F	242	M E B
83721	LECT-DISC	C5	10	M	W	F	304	L H
83739	LECT-DISC	C6	10	M	W	F	221	G H
84086	LECT-DISC	*&D	11	M	W	F	145	L H
83746	LECT-DISC	D1	11	M	W	F	130	L H
83753	LECT-DISC	D2	11	M	W	F	330	ARMORY
83761	LECT-DISC	D3	11	M	W	F	331	ARMORY
83778	LECT-DISC	D4	11	M	W	F	242	M E B
83785	LECT-DISC	X1	12	M	W	F	130	L H
83792	LECT-DISC	X2	12	M	W	F	330	ARMORY
83803	LECT-DISC	X3	12	M	W	F	331	ARMORY
83811	LECT-DISC	E1	1	M	W	F	130	L H
83828	LECT-DISC	E2	1	M	W	F	330	ARMORY
83835	LECT-DISC	E3	1	M	W	F	331	ARMORY
83842	LECT-DISC	E4	1	M	W	F	242	M E B
83850	LECT-DISC	E5	1	M	W	F	145	L H
83867	LECT-DISC	F1	2	M	W	F	130	L H
83874	LECT-DISC	F2	2	M	W	F	330	ARMORY
83881	LECT-DISC	F3	2	M	W	F	331	ARMORY
83899	LECT-DISC	F4	2	M	W	F	242	M E B

SPCH 101 CONTINUED

83900	LECT-DISC	F5	2	M	W	F	132	L H		
83917	LECT-DISC	G1	3	M	W	F	130	L H		
83924	LECT-DISC	G2	3	M	W	F	330	ARMORY		
83931	LECT-DISC	G3	3	M	W	F	331	ARMORY		
83949	LECT-DISC	H1	4	M	W	F	130	L H		
83956	LECT-DISC	H2	4	M	W	F	330	ARMORY		
83963	LECT-DISC	L1	8-930		TU TH		130	L H		
83971	LECT-DISC	L2	8-930		TU TH		330	ARMORY		
83988	LECT-DISC	M1	9-1030		TU TH		331	ARMORY		
83995	LECT-DISC	N1	930-11		TU TH		130	L H		
84008	LECT-DISC	N2	930-11		TU TH		330	ARMORY		
84015	LECT-DISC	P1	11-1230		TU TH		130	L H		
84022	LECT-DISC	P2	11-1230		TU TH		330	ARMORY		
84030	LECT-DISC	P3	1030-12		TU TH		331	ARMORY		
84047	LECT-DISC	R1	1-230		TU TH		130	L H		
84054	LECT-DISC	R2	1-230		TU TH		330	ARMORY		
84061	LECT-DISC	T1	230-4		TU TH		130	L H		
84079	LECT-DISC	T2	230-4		TU TH		330	ARMORY		

SPCH 105 VOICE AND ARTICULATION.
2 HOURS.

84093	LECT	1	3	M			100	G H		PADEN
84104	LECT	2	10		TU		100	G H		PADEN
84111	QUIZ	B	9		W	F	132	L H		
84129	QUIZ	C	10		W	F	132	L H		
84136	QUIZ	D	11		W	F	132	L H		
84143	QUIZ	E	1		W	F	132	L H		
84151	QUIZ	P	11		TU TH		132	L H		
84168	QUIZ	Q	12		TU TH		132	L H		
84175	QUIZ	R	1		TU TH		132	L H		
84182	QUIZ	S	2		TU TH		132	L H		
84190	QUIZ	T	3		TU TH		132	L H		

SPCH 107 PARLIAMENTARY PROCEDURE.
2 HOURS.

84201	LECT-DISC	S	2		TU TH		255	ARMORY		BROADRICK

SPCH 111 VERBAL COMMUNICATION.
4 HOURS.
EACH STUDENT MUST REGISTER BOTH FOR A DISCUSSION SECTION AND THE LECTURE BEARING THE SAME NUMBER SUFFIX.

84225	LECT	1	8		TU		103	M H		
84232	LECT	2	9		TU		103	M H		
84240	LECT	3	12		TU		103	M H		
84257	LECT	4	1		TU		103	M H		
84264	LECT	5	2		TU		103	M H		
84271	LECT	6	3		TU		103	M H		
84289	DISC	A1	[illegible]	M	W	F	143	A H		
84296	DISC	A2	[illegible]	M	W	F	148	ADMIN		
84307	DISC	A3	8	M	W	F	140	L H		
84314	DISC	A4	8	M	W	F	116	L H		
84321	DISC	A5	8	M	W	F	136	M E B		
84339	DISC	A6	8	M	W	F	148	ARMORY		
84346	DISC	B1	9	M	W	F	143	A H		
84353	DISC	B2	9	M	W	F	148	ADMIN		
84361	DISC	B3	9	M	W	F	140	L H		
84378	DISC	B4	9	M	W	F	116	L H		
84385	DISC	B5	9	M	W	F	136	M E B		
84392	DISC	B6	9	M	W	F	148	ARMORY		
84403	DISC	C1	10	M	W	F	143	A H		
84411	DISC	C2	10	M	W	F	148	ADMIN		
84428	DISC	C3	10	M	W	F	140	L H		
84435	DISC	C4	10	M	W	F	116	L H		
84442	DISC	C5	10	M	W	F	136	M E B		
84450	DISC	C6	10	M	W	F	148	ARMORY		
84467	DISC	D1	11	M	W	F	143	A H		
84474	DISC	D2	11	M	W	F	148	ADMIN		
84481	DISC	D3	11	M	W	F	140	L H		
84499	DISC	D4	11	M	W	F	116	L H		
84500	DISC	D5	11	M	W	F	136	M E B		
84517	DISC	D6	11	M	W	F	148	ARMORY		
84524	DISC	X1	12	M	W	F	143	A H		
84531	DISC	X2	12	M	W	F	148	ADMIN		
84549	DISC	X3	12	M	W	F	140	L H		
84556	DISC	X4	12	M	W	F	116	L H		
84563	DISC	X5	12	M	W	F	136	M E B		

SPCH 111 CONTINUED

84571	DISC	X6	12	M	W	F	148	ARMORY
84588	DISC	E1	1	M	W	F	143	A H
84595	DISC	E2	1	M	W	F	148	ADMIN
84606	DISC	E3	1	M	W	F	140	L H
84613	DISC	E4	1	M	W	F	116	L H
84621	DISC	E5	1	M	W	F	136	M E B
84638	DISC	E6	1	M	W	F	148	ARMORY
84218	DISC	&F1	2	M	W	F	143	A H
84645	DISC	F2	2	M	W	F	148	ADMIN
84652	DISC	F3	2	M	W	F	140	L H
84660	DISC	F4	2	M	W	F	116	L H
84677	DISC	F5	2	M	W	F	136	M E B
84684	DISC	F6	2	M	W	F	148	ARMORY
84691	DISC	G1	3	M	W	F	143	A H
84702	DISC	G2	3	M	W	F	148	ADMIN
84710	DISC	G3	3	M	W	F	140	L H
84727	DISC	G4	3	M	W	F	116	L H
84734	DISC	G5	3	M	W	F	136	M E B
84741	DISC	G6	3	M	W	F	148	ARMORY
84759	DISC	H5	4	M	W	F	143	A H
84766	DISC	H6	4	M	W	F	148	ADMIN
84773	DISC	L3	8-930	TU	TH		143	A H
84781	DISC	L4	8-930	TU	TH		148	ADMIN
84798	DISC	M1	9-1030	TU	TH		136	M E B
84809	DISC	M3	9-1030	TU	TH		148	ARMORY
84816	DISC	N4	930-11	TU	TH		143	A H
84823	DISC	N5	930-11	TU	TH		148	ADMIN
84831	DISC	P1	1030-12	TU	TH		136	M E B
84848	DISC	P4	1030-12	TU	TH		148	ARMORY
84855	DISC	R2	1-230	TU	TH		143	A H
84862	DISC	R3	1-230	TU	TH		148	ADMIN
84870	DISC	R6	1-230	TU	TH		148	ARMORY
84887	DISC	S2	2-330	TU	TH		136	M E B
84894	DISC	T1	230-4	TU	TH		143	A H
84905	DISC	T2	230-4	TU	TH		148	ADMIN

SPCH 112 VERBAL COMMUNICATION.
PREREQUISITE: SPCH. 111.
4 HOURS.
*NOTE: STUDENTS EXEMPTED FROM RHETORIC 101 MAY COMPLETE THE RHETORIC REQUIREMENT BY ELECTING SPEECH 112 HONORS SECTIONS.

84912	LECT		1		TU		66	LIB
84920	DISC	A	8	M	W	F	132	L H
84937	DISC	B	9	M	W	F	405	M H
84944	DISC	C1	10	M	W	F	119	E B
84951	DISC	C2	10	M	W	F	303	E B
84969	DISC	D	11	M	W	F	304	L H
84976	DISC	X	12	M	W	F	304	L H
84983	DISC	E	1	M	W	F	304	L H
84991	DISC	F1	2	M	W	F	145	ARMORY
85003	DISC	F2	2	M	W	F	370	L H
85011	DISC	G	3	M	W	F	132	L H
85028	DISC	*&L	8-930	TU	TH		429	ARMORY
85035	DISC	*&N	930-11	TU	TH		429	ARMORY
85042	DISC	*&P	11-1230	TU	TH		429	ARMORY
85050	DISC	*&S	2-330	TU	TH		433	ARMORY
85067	DISC	*&J	330-5	TU	TH		429	ARMORY

SPCH 113 GROUP DISCUSSION AND CONFERENCE LEADERSHIP.
PREREQUISITE: SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.
3 HOURS.

85074	LECT-DISC	B	9	M	W	F	49	L I R
85081	LECT-DISC	D	11	M	W	F	262	ARMORY
85099	LECT-DISC	E	1	M	W	F	49	L I R
85100	LECT-DISC	F	2	M	W	F	49	L I R
85117	LECT-DISC	R	1	TU			49	L I R
		R	1-3		TH		49	L I R
85124	LECT-DISC	T	2-4	TU			49	L I R
		T	3		TH		49	L I R

SPCH 121 ADVANCED PUBLIC SPEAKING: THE LOGICAL BASES OF DISCOURSE.
PREREQUISITE: SPCH. 101, SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS, INCLUDING JAMES SCHOLARS.
3 HOURS.

85131	LECT-DISC	B	9	M	W	F	262	ARMORY
85149	LECT-DISC	C	10	M	W	F	262	ARMORY
85156	LECT-DISC	E	1	M	W	F	262	ARMORY
85163	LECT-DISC	S	2-330	TU	TH		262	ARMORY

SPCH 141 ORAL INTERPRETATION.
3 HOURS.
*SECTION &F IS RESERVED FOR SUPERIOR STUDENTS--INCLUDING JAMES SCHOLARS.

85171	LECT-DISC	A1	8	M	W	F	49	L I R	
85188	LECT-DISC	B1	9	M	W	F	255	ARMORY	
85195	LECT-DISC	B2	9	M	W	F	429	ARMORY	
85206	LECT-DISC	C1	10	M	W	F	201	E B	
85213	LECT-DISC	C2	10	M	W	F	429	ARMORY	
85221	LECT-DISC	C3	10	M	W	F	307	E B	
85238	LECT-DISC	D1	11	M	W	F	429	ARMORY	
85245	LECT-DISC	X1	12	M	W	F	255	ARMORY	
85252	LECT-DISC	E1	1	M	W	F	255	ARMORY	
85260	LECT-DISC	E2	1	M	W	F	429	ARMORY	
85341	LECT-DISC	*&F	2	M	W	F	429	ARMORY	
85277	LECT-DISC	F2	2	M	W	F	153	ARMORY	
85284	LECT-DISC	G	3	M	W	F	429	ARMORY	
85291	LECT-DISC	M	830-10	TU	TH		255	ARMORY	
85302	LECT-DISC	N	10-1130	TU	TH		255	ARMORY	
85310	LECT-DISC	Q	1130-1	TU	TH		255	ARMORY	
85327	LECT-DISC	R	1230-2	TU	TH		262	ARMORY	
85334	LECT-DISC	T	3-430	TU	TH		255	ARMORY	

SPCH 142 GROUP ORAL INTERPRETATION OF LITERATURE.
PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
2 HOURS.

85359	LECT-DISC	11	TU	TH	49	L I R		

SPCH 157 ELEMENTS OF STAGECRAFT.
SAME AS THEAT. 120.
NOT OPEN TO THEATRE MAJORS.
4 HOURS.

85366	LECT-DISC	2-4	TU	TH	DRAMA RHRSL KRAN			

SPCH 161 FUNDAMENTALS OF ACTING.
SAME AS THEAT. 170
3 HOURS.

85373	LECT-DISC	B	9-11	M			160	ARMORY	
		B	9		W		160	ARMORY	
85381	LECT-DISC	C	10		W		160	ARMORY	
		C	9-11			F	160	ARMORY	
85398	LECT-DISC	E	1	M			160	ARMORY	
		E	1-3		W		160	ARMORY	
85409	LECT-DISC	L	8-10	TU			160	ARMORY	
		L	9		TH		160	ARMORY	
85416	LECT-DISC	R	1-3	TU			160	ARMORY	
		R	1		TH		160	ARMORY	

SPCH 175 A SURVEY OF HISTORICAL AND PROFESSIONAL ASPECTS OF SPEECH PATHOLOGY AND AUDIOLOGY.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

85423	LECT-DISC	10	TU	TH	304	L H			O NEILL, STAFF

SPCH 177 THE ARTS OF PUBLIC DISCOURSE.
4 HOURS.

85431	LECT		1	M	W	F	112	G H	HAYES
85448	QUIZ	1	11	TU			145	L H	
85455	QUIZ	2	11		TH		145	L H	
85462	QUIZ	3	1	TU			145	L H	
85470	QUIZ	4	1		TH		145	L H	

SPCH 179 THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.
4 HOURS.

85487	LECT		2	M	W	F	L H THEATRE	
85494	QUIZ	1	10	TU			262	ARMORY
85505	QUIZ	2	10		TH		262	ARMORY
85512	QUIZ	3	11	TU			262	ARMORY
85520	QUIZ	4	11		TH		262	ARMORY
85537	QUIZ	5	1	TU			255	ARMORY
85544	QUIZ	6	1		TH		255	ARMORY

SPCH 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

85551	LECT-DISC	&C	10	M	W	F	1205	W OREGON	MUELLER
85569	LECT-DISC	&E	1	M	W	F	1205	W OREGON	MUELLER

SPCH 203 DRAMATICS FOR TEACHERS.
3 HOURS.

85576	LECT-DISC		11	M W F	160	ARMORY	

SPCH 204 SPEECH FOR TEACHERS.
3 HOURS.

85583	LECT-DISC		9	M W F	209	D K H	BURNS

SPCH 208 SPEECH AND HEARING PROBLEMS IN THE CLASSROOM.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

85591	LECT-DISC		9	M W F	106	SP CLINIC	ERICKSON

SPCH 211 BUSINESS AND PROFESSIONAL SPEAKING.
PREREQUISITE: SPCH. 101.
2 HOURS.

85601	LECT-DISC	L	8	TU TH	49	L I R	DOYLE
85619	LECT-DISC	M	9	TU TH	49	L I R	DOYLE

SPCH 213 PERSUASION AND THE ARTS.
3 HOURS.

85626	LECT-DISC		2-330	TU TH	145	L H	THOMAS

SPCH 221 ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF DISCOURSE.
PREREQUISITE: SPCH. 101 AND JUNIOR STANDING.
3 HOURS.

85633	LECT-DISC	C	10	M W F	255	ARMORY	ANDERSEN
85641	LECT-DISC	F	2	M W F	262	ARMORY	CLARK

SPCH 243 ORAL INTERPRETATION OF SHAKESPEARE.
PREREQUISITE: SPCH. 141, JUNIOR STANDING.
2 HOURS.

85658	LECT-DISC		10	TU TH	49	L I R	GOLDEN

SPCH 247 TEACHING OF SPEECH.
SAME AS SE. ED. 247.
PREREQUISITE: SENIOR STANDING, 3.5 GRADE AVERAGE.
5 HOURS.

85665	LECT-DISC		2-4	MTUWTHF	242	ARMORY	INCE

SPCH 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.
SAME AS EL. ED. 248.
PREREQUISITE: SPCH. 388.
3 HOURS.

85672	LECT-DISC		10-12	TU	106	SP CLINIC	JOHNSON
			10	TH	106	SP CLINIC	

SPCH 255 FUNDAMENTALS OF PLAY DIRECTING.
SAME AS THEAT. 281.
PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING.
3 HOURS.
*SECTION B RESTRICTED TO NON-MAJORS ONLY.

85697	LECT-DISC	*B	9-11	M		STUDIO THTR KRAN	AHART
		*B	9	W		STUDIO THTR KRAN	
85680	LECT-DISC	M	9-11	TU		STUDIO THTR KRAN	TYMCHYSHYN
		M	9	TH		STUDIO THTR KRAN	

SPCH 263 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS RHET. 263, R. TV. AND THEAT. 280.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

85708	LECT-DISC	E	1-3	TU		A ENSEMBLE KRAN	AULETTA
		E	1	TH		A ENSEMBLE KRAN	
85715	LECT-DISC	R	1	W		A ENSEMBLE KRAN	AULETTA
		R	1-3	F		A ENSEMBLE KRAN	

SPCH 291 HONORS COURSE.
PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR CONSENT OF HEAD OF DEPARTMENT.
*STUDENTS MAY ACCUMULATE 4 HOURS.
*2 HOURS.

85722	CONF							
				ARR				

SPCH 293 INDIVIDUAL TOPICS.
PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75, CONSENT OF HEAD OF DEPARTMENT.
*STUDENTS MAY ACCUMULATE 4 HOURS.
*2 HOURS.

85730	CONF							
				ARR				

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

SPCH 301 GENERAL PHONETICS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

85747	LECT-DISC		9	TU TH	304	L H		PADEN
85754	QUIZ	1	9	W	330	I H		
85761	QUIZ	2	10	W	330	I H		
85779	QUIZ	3	1	W	330	I H		
85786	QUIZ	4	2	W	330	I H		

SPCH 307 THE ART OF THE SCREEN: NARRATION.
SAME AS COMM. 307.
PREREQUISITE: TRAINING IN CRITICAL APPROACHES TO LITERATURE, DRAMA, ART, OR MUSIC, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

85793	LECT-DISC		3	M W	430	ARMORY		MUELLER
			3-5	F	430	ARMORY		

SPCH 311 BRITISH PUBLIC ADDRESS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

85804	LECT-DISC			ARR				

SPCH 313 INTERPERSONAL COMMUNICATION: DISCUSSION AND INTERVIEW.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85811	LECT-DISC		11	M W F	49	L I R		DELIA

SPCH 320 THEORY OF ARGUMENTATION.
PREREQUISITE: SPCH. 121 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85829	LECT-DISC		10	M W F	49	L I R		WENZEL

SPCH 322 MODERN RHETORICAL THEORY.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

85836	LECT-DISC		2	M W F	145	L H		NICHOLS

SPCH 342 ORAL INTERPRETATION OF POETRY.
PREREQUISITE: SPCH. 141.
3 HOURS, OR 1/2 OR 1 UNIT.

85843	LECT-DISC		10	M W F	121	L H		BURNS

SPCH 345 CONTEMPORARY APPROACHES TO ORAL INTERPRETATION.
PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85851	LECT-DISC		11	M W F	255	ARMORY		

SPCH 346 INTRODUCTION TO FOLKLORE: HISTORY, THEORY, METHODS.
SAME AS C. LIT., ENGL., GER., AND SLAV., 394.
PREREQUISITE: A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE RECOMMENDED.
3 HOURS OR 3/4 UNIT.

85868	LECT-DISC	F	2	M W F	337	ARMORY		

SPCH 352 INTRODUCTION TO MODERN THEATRE ART.
SAME AS THEAT. 352.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85875	LECT-DISC	1	M W F	CONF ROOM KRAN		AHART

SPCH 361 HISTORY OF THE EUROPEAN THEATRE TO THE RENAISSANCE.
SAME AS THEAT. 361.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85882	LECT-DISC	2	M W F	CONF ROOM KRAN		SCOTT

SPCH 366 DEVELOPMENT OF THE AMERICAN THEATRE.
SAME AS THEAT. 366.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85890	LECT-DISC	10	M W F	CONF ROOM KRAN		HEWITT

SPCH 371 HISTORY AND PRINCIPLES OF LITERARY AND RHETORICAL CRITICISM:
ARISTOTLE TO SIDNEY.
SAME AS ENGL. 371.
PREREQUISITE: SENIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

85901	LECT-DISC F	2	M W F	209	E B	

SPCH 375 SPEECH SCIENCE, I.
SAME AS LING. 375.
PREREQUISITE: SPCH. 109, OR 301, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

85918	LECT-DISC	2	M W F	304	L H	ZEMLIN

SPCH 377 THE BASES OF SPEECH AND HEARING SCIENCE.
NOT OPEN TO STUDENTS WITH CREDIT IN SPCH. 375 OR 376.
PREREQUISITE: SPCH. 109 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

85925	LECT-DISC	10	M W F	256	M E B	DANILOFF

SPCH 378 HEARING SCIENCE.
PREREQUISITE: SPCH. 375.
3 HOURS OR 1/2 UNIT.
LAB TO BE ARRANGED.

85932	LECT-DISC	11	M W	324	I H	DANILOFF

SPCH 383 DEVELOPMENT OF SPOKEN LANGUAGE.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85940	LECT-DISC	9	M W F	304	L H	

SPCH 387 PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY.
PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST
3.5 AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH,
FOR 3 CREDIT HOURS.
*3 HOURS OR 1/2 UNIT.

85957	LECT-DISC	2-4	M W F	106	SP CLINIC	JOHNSTON

SPCH 392 SEMINAR IN DEVELOPMENT AND MEASUREMENT OF SPOKEN LANGUAGE.
PREREQUISITE: SPCH. 383 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

85964	LECT-DISC	12	M W F	145	L H	SHRINER

SPCH 396 DIAGNOSIS OF HEARING IMPAIRMENTS IN INFANTS
AND YOUNG CHILDREN.
PREREQUISITE: SPCH. 391, 395, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85971	LECT-DISC	11	M W F	324	I H	STARK

SPCH 398 PRACTICUM IN AUDIOLOGY.
PREREQUISITE: SPCH. 389 AND 393.
*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH,
FOR 3 CREDIT HOURS.
*3 HOURS OR 1/2 UNIT.

85989	LECT-DISC	9	TU	324	I H	ERICKSON & STARK

SPCH 399 DESIGN AND ANALYSIS OF EXPERIMENTS IN SPEECH AND HEARING SCIENCE.
PREREQUISITE: GRADUATE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

85996	LECT-DISC	A	10-12	M W	324	I H	DEMARCO
86009	LECT-DISC	B	1-3	M W	324	I H	DEMARCO

COURSES FOR GRADUATES

SPCH 400 SEMINAR IN DRAMATIC FORM AND STRUCTURE.
SAME AS THEAT. 400.
PREREQUISITE: SPCH. 361 AND 362, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
1 UNIT.

86016	LECT-DISC	9	TU TH	CONF ROOM KRAN		AULETTA

SPCH 403 SEMINAR FOR TEACHERS OF SPEECH.
1 UNIT.

86023	LECT-DISC	ARR				BURNS

SPCH 411 THE GREEK TRADITION IN RHETORIC AND ORATORY.
1 UNIT.

86031	LECT-DISC	ARR				

SPCH 420 QUANTITATIVE METHODS IN RHETORICAL ANALYSIS.
PREREQUISITE: INTRODUCTORY COURSE IN STATISTICS AND CONSENT OF INSTRUCTOR.
1 UNIT.

86048	LECT-DISC	1	M W F	121	L H	CLARK

SPCH 430 CONTEMPORARY THEORIES OF ORAL COMMUNICATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

86055	LECT-DISC	2-5	TU	121	L H	ANDERSEN

SPCH 438 SEMINAR IN RHETORICAL THEORY.
*MAY BE REPEATED UP TO A TOTAL OF 4 UNITS.
*1 UNIT.

86062	LECT-DISC	1-4	TH	121	L H	NICHOLS

SPCH 441 HISTORICAL BACKGROUND OF ORAL INTERPRETATION.
1 UNIT.

86070	LECT-DISC	2-5	W	255	ARMORY	

SPCH 443 SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY STYLES.
PREREQUISITE: GRADUATE STANDING; SPCH. 344.
*COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1 UNIT.

86087	LECT-DISC	ARR				

SPCH 451 PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE.
SAME AS THEAT. 451.
1 UNIT.

86094	LECT-DISC	1	TU TH	CONF ROOM KRAN		BEHRINGER

SPCH 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.
SAME AS ENGL. AND THEAT. 469.
PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY, CONSENT OF INSTRUCTOR.
1 UNIT.

86105	LECT-DISC	E	1	M W	119	E B

SPCH 475 EXPERIMENTAL PHONETICS, I.
SAME AS LING. 475.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

86112	LECT-DISC	1-4	TU	330	I H	ZEMLIN

SPCH 481 SEMINAR IN NEUROPATHOLOGIES OF SPEECH AND LANGUAGE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
*1 UNIT.
THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH SEMESTER:
SECTION B: APHASIA.
SECTION C: CEREBRAL PALSY.

86120	LECT-DISC	B	3-5	TU	510 E	CHALMERS	SIMPSON
		B	10-12	TH	510 E	CHALMERS	

SPCH 482 SEMINAR IN STUTTERING.
PREREQUISITE: SPCH. 388.
1 UNIT.

86137	LECT-DISC	330-5	M W	106	SP CLINIC	SILVERMAN

SPCH 486 ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 4 UNITS.
THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
*SECTION B: SPEECH PATHOLOGY.
*SECTION C: AUDIOLOGY
*SECTION D: LANGUAGE DISORDERS.
*SECTION E: FIELD STUDY.

86144	LECT-DISC	*B	ARR				STAFF
86151	LECT-DISC	*C	830-10	TU	324	I H	STARK
86169	LECT-DISC	*D	ARR				STAFF
86176	LECT-DISC	*E	ARR				STAFF

SPCH 488 DIAGNOSTIC PROCEDURES IN PATHOLOGIES OF SPEECH AND LANGUAGE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

86183	LECT-DISC		3-430	TH	242	M E B	SANDERS
			9-1030	F	106	SP CLINIC	

SPCH 490 MEDICAL ASPECTS OF SPEECH DISORDERS AND AUDIOLOGY.
PREREQUISITE: SPCH. 385, 388, 486.
1 UNIT.

86191	LECT-DISC	ARR		O NEILL

SPCH 495 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
*OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR ONE OR TWO UNITS.
*1 OR 2 UNITS.
*SECTION C: GENERAL SEMANTICS.
*SECTION D: FUNDAMENTALS OF NEUROLOGY FOR SPEECH AND HEARING CLINICIANS.
*SECTION E: DIAGNOSTIC PROCEDURES UTILIZED IN REHABILITATION SETTINGS.
*SECTION F: COMPREHENSIVE MANAGEMENT OF COMMUNICATIVE DISORDERS.
*SECTION G: LINGUISTIC BEHAVIOR.

86258	CONF	A	ARR				STAFF
86265	CONF	B	ARR				STAFF
86201	CONF	*C	ARR				SILVERMAN
86219	CONF	*D	1-230	TU TH	324	I H	SANDERS
86226	CONF	*E	ARR				ARLT
86233	CONF	*F	ARR				SIMPSON
86241	CONF	*G	ARR				SHRINER

SPCH 499 THESIS RESEARCH.
0 TO 4 UNITS.
INSTRUCTORS: ANDERSEN, BEHRINGER, BROADRICK, BURNS, CLARK, DANILOFF, HEWITT, INCE, KIM, LOCKE, MACLAY, MURPHY, NEBERGALL, NICHOLS, O'NEILL, SCOTT, SHATTUCK, SHRINER, SILVERMAN, STARK, WENZEL, ZEMLIN

86272	CONF	ARR		STAFF

DEPARTMENT OFFICE 4-122 KRANNERT CENTER

COURSES FOR UNDERGRADUATES

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THEAT 100      PRACTICUM, I.
         PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS.
         1 TO 3 HOURS.
         *FIVE HOURS TO BE ARRANGED.
       86280       LAB-DISC   C       *10              F    DRAMA RHRSL KRAN      KRAFFT
       86297       LAB-DISC   D       *11            TH     DRAMA RHRSL KRAN      KRAFFT


THEAT 101      THEATRE: MODERN FORMS.
         4 HOURS.
       86308       LECT-DISC            1        M  W       DRAMA RHRSL KRAN      KRAFFT
                                       12-2              F   DRAMA RHRSL KRAN


THEAT 103      THEATRE: CLASSICAL AND MEDIEVAL FORMS.
         PREREQUISITE: THEAT. 101.
         3 HOURS.
       86315       LECT-DISC           11        M  W  F    DRAMA RHRSL KRAN      TYMCHYSHYN


THEAT 105      17TH AND 18TH CENTURY FORMS.
         PREREQUISITE: THEAT. 101.
         3 HOURS.
       86322       LECT-DISC           11        M  W  F    CONF ROOM KRAN        BEHRINGER


THEAT 111      MATERIALS AND PROCESSES: TEXTILES.
         2 HOURS.
         *FOUR HOURS TO BE ARRANGED.
       86330       LECT-DISC          *1-3      TU TH       DESIGN ROOM KRAN      KRAFFT


THEAT 120      ELEMENTS OF STAGECRAFT.
                SAME AS SPCH. 157.
         NOT OPEN TO THEATRE MAJORS.
         4 HOURS.
       86347       LECT-DISC           2-4      TU TH       DRAMA RHRSL KRAN


THEAT 121      SCENECRAFT.
         OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY.
         2 HOURS.
         *FOUR HOURS TO BE ARRANGED.
       86354       LECT-DISC          *11          W  F    STUDIO THTR KRAN      WORKS


THEAT 131      STAGE LIGHTING AND SOUND EFFECTS.
         3 HOURS.
         *ONE HOUR TO BE ARRANGED.
       86361       LECT-DISC  E       *1           W       STUDIO THTR KRAN      BRADY
                              E       *1-3            F    STUDIO THTR KRAN
       86379       LECT-DISC  Q       *12-2     M          STUDIO THTR KRAN
                              Q       *12          W       STUDIO THTR KRAN


THEAT 140      COSTUME CONSTRUCTION.
         2 HOURS.
         THREE HOURS TO BE ARRANGED.
       86386       LECT-DISC          *2-5      M          COSTUME SHP KRAN


THEAT 141      MAKEUP FOR THE THEATRE, I.
         2 HOURS.
         *SECTIONS E1 AND S1 ARE FOR THEATRE MAJORS ONLY.  ALL OTHER
         STUDENTS MUST ENROLL IN SECTIONS E2 AND S2.
       86393       LAB-DISC  *E1        2-4       M  W       PLAYHS DRES KRAN
       86411       LAB-DISC  *E2        2-4       M  W       PLAYHS DRES KRAN
       86404       LAB-DISC  *S1        1-3      TU TH       PLAYHS DRES KRAN
       86429       LAB-DISC  *S2        1-3      TU TH       PLAYHS DRES KRAN


THEAT 142      MAKEUP FOR THE THEATRE, II.
         PREREQUISITE: THEAT. 141.
         2 HOURS.
       86436       LAB-DISC             3-5      TU TH       PLAYHS DRES KRAN      FRANKLIN-WHITE
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THEAT 170 FUNDAMENTALS OF ACTING.
SAME AS SPCH. 161.
3 HOURS.

86443	LECT-DISC	B	9-11	M		160	ARMORY
		B	9		W	160	ARMORY
86451	LECT-DISC	C	10		W	160	ARMORY
		C	9-11		F	160	ARMORY
86468	LECT-DISC	E	1	M		160	ARMORY
		E	1-3		W	160	ARMORY
86475	LECT-DISC	L	8-10	TU		160	ARMORY
		L	9		TH	160	ARMORY
86482	LECT-DISC	R	1-3	TU		160	ARMORY
		R	1		TH	160	ARMORY

THEAT 171 SPEECH FOR THE STAGE: FUNDAMENTALS.
2 HOURS.
*SECTIONS D, E, AND F ARE FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2, E2 AND F2.

86490	LECT-DISC	*D	11	M W F		B	ENSEMBLE KRAN	COLLINS
86525	LECT-DISC	*D2	11	M W F		B	ENSEMBLE KRAN	
86501	LECT-DISC	*E	1-3	TU		B	ENSEMBLE KRAN	COLLINS
85532	LECT-DISC	*E2	1-3	TU		B	ENSEMBLE KRAN	
		*E	1		TH	B	ENSEMBLE KRAN	
		*E2	1		TH	B	ENSEMBLE KRAN	
86518	LECT-DISC	*F	2	M W F		B	ENSEMBLE KRAN	
86540	LECT-DISC	*F2	2	M W F		B	ENSEMBLE KRAN	

THEAT 173 SPEECH FOR THE STAGE: DIALECTS.
PREREQUISITE: THEAT. 172.
2 HOURS.

86557	LECT-DISC	T	3	TU		A	ENSEMBLE KRAN	ARBENZ
		T	2-4		TH	A	ENSEMBLE KRAN	
86564	LECT-DISC	B	9	M W F		A	ENSEMBLE KRAN	COLLINS
86571	LECT-DISC	M	9-11	TU		A	ENSEMBLE KRAN	
		M	9		TH	A	ENSEMBLE KRAN	

THEAT 174 MOVEMENT FOR THE STAGE: IMPROVISATION.
2 HOURS.

86589	LECT-DISC	M	9-11	M W	DRAMA RHRSL KRAN	FRANKLIN-WHITE
86596	LECT-DISC	B	9-11	TU TH	DRAMA RHRSL KRAN	

THEAT 176 CHARACTERIZATION.
PREREQUISITE: THEAT. 175.
3 HOURS.

86607	LECT-DISC	S	2-4	M		STUDIO THTR KRAN	
		S	2		W	STUDIO THTR KRAN	
86614	LECT-DISC	F	1-3		TH	STUDIO THTR KRAN	KRAFFT
		F	2	TU		STUDIO THTR KRAN	KRAFFT

THEAT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

86621	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES

THEAT 220 ADVANCED SCENECRAFT.
PREREQUISITE: THEAT. 121.
2 HOURS.

86639	LECT-DISC	10-12	TU TH	CONF ROOM KRAN	WORKS

THEAT 222 SCENE DESIGN, I.
PREREQUISITE: THEAT. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS.

86646	LECT-DISC	9-11	M W F	DESIGN ROOM KRAN	LLEWELLYN

THEAT 241 COSTUME DESIGN.
PREREQUISITE: THEAT. 140.
3 HOURS.

86653	LAB-DISC	9-11	TU TH	DESIGN ROOM KRAN	BENSON

THEAT 272 ACTING: STYLES FOR PERIOD PLAYS.
PREREQUISITE: THEAT. 170 OR 176.
3 HOURS.

86661	LECT-DISC	P	11	TU		STUDIO THTR KRAN	ARBENZ &
		P	10-12		TH	STUDIO THTR KRAN	FRANKLIN-WHITE
86678	LECT-DISC	S	2-4	M		DRAMA RHRSL KRAN	ARBENZ &
		S	2		W	DRAMA RHRSL KRAN	FRANKLIN-WHITE

THEAT 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS R. TV. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

86685	LECT-DISC	E	1-3	TU		A ENSEMBLE KRAN	AULETTA
		E	1		TH	A ENSEMBLE KRAN	
86692	LECT-DISC	R	1		W	A ENSEMBLE KRAN	AULETTA
		R	1-3		F	A ENSEMBLE KRAN	

THEAT 281 DIRECTING, I.
SAME AS SPCH. 255.
PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING.
3 HOURS.
*SECTION B RESTRICTED TO NON-MAJORS ONLY.

86711	LECT-DISC	*B	9-11	M		STUDIO THTR KRAN	
		*B	9		W	STUDIO THTR KRAN	
86703	LECT-DISC	M	9-11	TU		STUDIO THTR KRAN	TYMCHYSHYN
		M	9		TH	STUDIO THTR KRAN	

THEAT 291 INDIVIDUAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.

86728	CONF	ARR		STAFF

THEAT 292 INDIVIDUAL TOPICS.
2 HOURS.

86735	CONF	ARR		STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

THEAT 300 PRACTICUM, II.
PREREQUISITE: FOR NON-THEATRE MAJORS; CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS
*1 TO 3 HOURS, OR 1/4 TO 1/2 UNIT.
*FIVE HOURS TO BE ARRANGED.

86742	LAB-DISC	P	*11	TU		DRAMA RHRSL KRAN	KRAFFT
86750	LAB-DISC	B	*9		F	DRAMA RHRSL KRAN	KRAFFT

THEAT 330 PHOTO - PROJECTION TECHNIQUES.
PREREQUISITE: THEAT. 131.
2 HOURS OR 1/2 UNIT.

86767	LAB-DISC	3-5	TU TH	STUDIO THTR KRAN	BRADY

THEAT 352 INTRODUCTION TO MODERN THEATRE ART.
SAME AS SPCH. 352.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

86774	LECT-DISC	1	M W F	CONF ROOM KRAN	AHART

THEAT 353 CREATIVE DRAMATICS FOR CHILDREN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

86781	LECT-DISC	3	W	DRAMA RHRSL KRAN	FERTIK
		2-4	F	DRAMA RHRSL KRAN	

THEAT 361 HISTORY OF THE EUROPEAN THEATRE TO THE RENAISSANCE.
SAME AS SPCH. 361.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

86799	LECT-DISC	2	M W F	CONF ROOM KRAN	SCOTT

THEAT 366 DEVELOPMENT OF THE AMERICAN THEATRE.
SAME AS SPCH. 366.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

86800	LECT-DISC	10	M W F	CONF ROOM KRAN	HEWITT

THEAT 372 ACTING: THEORIES.
3 HOURS, OR 1/2 OR 1 UNIT.

86817	LECT-DISC	9	M W F	CONF ROOM KRAN	ARBENZ

COURSES FOR GRADUATES

THEAT 400 SEMINAR IN DRAMATIC FORM AND STRUCTURE.
SAME AS SPCH. 400.
PREREQUISITE: THEAT. 361 AND 362, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
1 UNIT.

86824	LECT-DISC	3	M W	CONF ROOM KRAN	AULETTA

THEAT 451 PROBLEMS IN PLAY DIRECTING IN THE EDUCATIONAL THEATRE.
SAME AS SPCH. 451.
1 UNIT.

86831	LECT-DISC	1	TU TH	CONF ROOM KRAN	BEHRINGER

THEAT 469 THE STAGE HISTORY OF CLASSIC ENGLISH PLAYS.
SAME AS ENGL. AND SPCH. 469.
PREREQUISITE: ONE YEAR OF WORK IN DRAMATIC LITERATURE OR THEATRE HISTORY; CONSENT OF INSTRUCOTR.
1 UNIT.

86849	LECT-DISC E	1	M W	119 E B	

THEAT 491 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.

86856	CONF	ARR			STAFF

THEORETICAL AND APPLIED MECHANICS

DEPARTMENT OFFICE 212 T L

COURSES FOR UNDERGRADUATES

T A M 150 ANALYTICAL MECHANICS--STATICS.
PREREQUISITE: PHYCS. 101 OR 106 OR D. G. S. 141 AND REGISTRATION IN MATH. 140, 145 OR 141.
2 HOURS.

86863	LECT-DISC L	8	TU TH	105G WOODSHOP	
86871	LECT-DISC P	11	TU TH	105G WOODSHOP	
86888	LECT-DISC R	1	TU TH	105G WOODSHOP	
86895	LECT-DISC T	3	TU TH	105G WOODSHOP	

T A M 152 ENGINEERING MECHANICS, I--STATICS.
PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 140, 145 OR 141.
3 HOURS.

86906	LECT-DISC A	8	M W F	105G WOODSHOP	
86913	LECT-DISC B	9	M W F	105G WOODSHOP	
86921	LECT-DISC C	10	M W F	105G WOODSHOP	
86938	LECT-DISC F	2	M W F	105G WOODSHOP	
86945	LECT-DISC M	930-11	TU TH	105G WOODSHOP	

T A M 154 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 140, 145, OR 141.
4 HOURS.

86952	LECT-DISC A1	8	MTU THF	105B WOODSHOP	
86960	LECT-DISC A2	8	MTU THF	102 WOODSHOP	
86977	LECT-DISC B1	9	MTU THF	105B WOODSHOP	
86984	LECT-DISC B2	9	MTU THF	102 WOODSHOP	
86991	LECT-DISC C1	10	MTU THF	105B WOODSHOP	
87004	LECT-DISC C2	10	MTU THF	102 WOODSHOP	
87011	LECT-DISC D1	11	MTU THF	105B WOODSHOP	
87029	LECT-DISC D2	11	MTU THF	102 WOODSHOP	
87036	LECT-DISC E1	1	MTU THF	105B WOODSHOP	
87043	LECT-DISC E2	1	MTU THF	102 WOODSHOP	
87051	LECT-DISC F	2	MTU THF	105B WOODSHOP	
87068	LECT-DISC G	3	MTU THF	105B WOODSHOP	

T A M 156 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 140, 145, OR 141.
5 HOURS.

87075	LECT-DISC	A	8	MTUWTHF	105F WOODSHOP
87082	LECT-DISC	B1	9	MTUWTHF	306B T L
87090	LECT-DISC	B2	9	MTUWTHF	105F WOODSHOP
87101	LECT-DISC	F	2	MTUWTHF	105F WOODSHOP
87118	LECT-DISC	H	4	MTUWTHF	105F WOODSHOP

T A M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

87125	CONF		ARR

COURSES FOR ADVANCED UNDERGRADUATES

T A M 211 ANALYTICAL MECHANICS--DYNAMICS.
PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 140, 145, OR 141.
3 HOURS.

87132	LECT-DISC	E	1	M W F	105G WOODSHOP
87140	LECT-DISC	F	2	M W F	306B T L

T A M 212 ENGINEERING MECHANICS, II--DYNAMICS.
PREREQUISITE: PHYCS. 106, T. A. M. 152, MATH. 141.
3 HOURS.

87157	LECT-DISC	B	9	M W F	105C WOODSHOP
87164	LECT-DISC	D	11	M W F	105G WOODSHOP

T A M 221 ELEMENTARY MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 140, 145, OR 141.
3 HOURS.

87171	LECT-DISC	A	8	M W F	104 WOODSHOP
87189	LECT-DISC	B	9	M W F	104 WOODSHOP
87196	LECT-DISC	C1	10	M W F	104 WOODSHOP
87207	LECT-DISC	C2	10	M W F	105F WOODSHOP
87214	LECT-DISC	D	11	M W F	104 WOODSHOP
87221	LECT-DISC	E	1	M W F	104 WOODSHOP
87239	LECT-DISC	F1	2	M W F	104 WOODSHOP
87246	LECT-DISC	F2	2	M W F	105C WOODSHOP
87253	LECT-DISC	G	3	M W F	104 WOODSHOP
87261	LECT-DISC	M	930-11	TU TH	225A T L
87278	LECT-DISC	S	230-4	TU TH	306B T L

T A M 223 MECHANICAL BEHAVIOR OF SOLIDS.
PREREQUISITE: REGISTRATION IN T. A. M. 221.
1 HOUR.

87285	LAB	L	8-10	TH	225 T L
87292	LAB	N	10-12	TU	225 T L
87303	LAB	R	1-3	TH	225 T L
87311	LAB	T	3-5	TU	225 T L

T A M 224 BEHAVIOR OF MATERIALS.
PREREQUISITE: T. A. M. 221.
3 HOURS.

87328	LECT-DISC	A	8	M W F	225A T L
87335	LECT-DISC	C	10	M W F	225A T L
87342	LECT-DISC	F	2	M W F	225A T L

T A M 235 FLUID MECHANICS.
PREREQUISITE: T. A. M. 211 OR 212.
4 HOURS.

87350	LECT-DISC	A	8	M W F	305 T L
	LAB	A	8-10	TH	126 T L
87367	LECT-DISC	B	9	M W F	305 T L
	LAB	B	3-5	TH	126 T L
87374	LECT-DISC	C	10	M W F	305 T L
	LAB	C	10-12	TU	126 T L
87381	LECT-DISC	D	11	M W F	305 T L
	LAB	D	10-12	TH	126 T L
87399	LECT-DISC	E	1	M W F	305 T L
	LAB	E	3-5	TU	126 T L

T A M 235 CONTINUED

87400	LECT-DISC	F	2	M W F	305	T L
	LAB	F	8-10	TU	126	T L
87417	LECT-DISC	G	3	M W F	305	T L
	LAB	G	1-3	TU	126	T L
87424	LECT-DISC	H	4	M W F	305	T L
	LAB	H	1-3	TH	126	T L

T A M 293 SENIOR RESEARCH PROJECT.
PREREQUISITE: SENIOR STANDING IN ENGINEERING MECHANICS.
2 HOURS.

87431	LECT-DISC	T	3-5	TU TH	105C WOODSHOP

T A M 299 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
3 HOURS.

87449	CONF		ARR

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

T A M 311 MECHANICAL VIBRATIONS.
PREREQUISITE: T. A. M. 154 OR 156 OR 211 OR 212 AND 221.
*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
*3 HOURS, OR 1/2 TO 1 UNIT.

87456	LECT-DISC	E	1	M W F	306B	T L

T A M 314 ADVANCED DYNAMICS FOR ENGINEERS.
PREREQUISITE: T. A. M. 211 OR EQUIVALENT, MATH. 341 OR 345.
3 HOURS OR 1 UNIT.

87463	LECT-DISC	D	11	M W F	105C	WOODSHOP

T A M 321 ADVANCED MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 221 AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT.

87471	LECT-DISC	G	3	M W F	306B	T L

T A M 324 FLOW AND FRACTURE OF STRUCTURAL METALS.
PREREQUISITE: T. A. M. 221 AND 224 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

87488	LECT-DISC	R	1-3	TU TH	305	T L

T A M 326 EXPERIMENTAL STRESS ANALYSIS.
PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT.

87495	LAB-DISC	N	10-12	TU TH	302C	T L

T A M 351 FUNDAMENTAL CONCEPTS OF DEFORMABLE BODY MECHANICS.
PREREQUISITE: T. A. M. 221; MATH. 343 AND 345.
3 HOURS OR 1 UNIT.

87506	LECT-DISC	B	9	M W F	225A	T L

T A M 392 ANALYSIS AND SYNTHESIS OF PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

87513	LECT-DISC	R	130-3	TU TH	105C	WOODSHOP

COURSES FOR GRADUATES

T A M 400 SEMINAR IN ENGINEERING MECHANICS.
* MAY BE REPEATED.
*0 TO 1/4 UNIT.

87521	LECT-DISC	AM	ARR
87538	LECT-DISC	DEF	ARR
87545	LECT-DISC	DYN	ARR
87552	LECT-DISC	FLU	ARR
87560	LECT-DISC	MTL	ARR

T A M 416 ENERGY PRINCIPLES IN ENGINEERING MECHANICS.
PREREQUISITE: T. A. M. 451.
1 UNIT.

87577	LECT-DISC	C	10	M W F	306B	T L	LANGHAAR & MILLER

T A M 417 STOCHASTIC STRUCTURAL DYNAMICS.
SAME AS A. A. E. 452.
PREREQUISITE: A. A. E. 255 OR T. A. M. 412 OR EQUIVALENT.
1 UNIT.

87584	LECT-DISC	A	930-11	TU TH	203 T B	LIN

T A M 425 MECHANICS OF INELASTIC BODIES.
PREREQUISITE: T. A. M. 321.
1/2 TO 1 UNIT.

87591	LECT-DISC	E	1	M W F	105C WOODSHOP	SIDEBOTTOM

T A M 428 ANALYSIS OF NONLINEAR SYSTEMS.
SAME AS E. E. 428.
PREREQUISITE: MATH. 341 AND CONSENT OF INSTRUCTOR.
1 UNIT.

87602	DISC	M	830-10	TU TH	335 E E B	WAX

T A M 431 THEORY OF IDEAL FLUID FLOW.
PREREQUISITE: ELEMENTARY COURSE IN FLUID FLOW, ADVANCED CALCULUS.
1 UNIT.

87610	LECT-DISC	L	8-10	TU TH	305 T L	CLARK

T A M 438 TURBULENCE.
PREREQUISITE: T. A. M. 432 OR EQUIVALENT.
1 UNIT.

87627	LECT-DISC	T	3-5	TU TH	305 T L	ROBERTSON

T A M 441 APPLIED ANALYSIS IN ENGINEERING, I.
PREREQUISITE: MATH. 141.
1 UNIT.

87634	LECT-DISC	A	8	M W F	306B T L	COSTELLO

T A M 451 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS, I.
PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT.
1 UNIT.

87641	LECT-DISC	N	10-12	TU TH	306B T L	BORESI

T A M 457 CLASSICAL ELASTOSTATICS.
PREREQUISITE: T. A. M. 451 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
1 UNIT.

87659	LECT-DISC	G	3	M W F	105C WOODSHOP	STIPPES

T A M 460 CONTINUUM MECHANICS, II.
PREREQUISITE: T. A. M. 360.
1 UNIT.

87666	LECT-DISC	N	10-12	TU TH	105C WOODSHOP	CARLSON

T A M 485 FRACTURE MECHANICS.
PREREQUISITE: T. A. M. 324 AND 451, OR CONSENT OF INSTRUCTOR.
1 UNIT.

87673	LECT-DISC	N	10-12	TU TH	305 T L	GALLAGHER

T A M 493 ADVANCED INDEPENDENT STUDY--SPECIAL RESEARCH.
1/2 TO 2 UNITS.

87681	CONF	X1	ARR			STAFF
87698	CONF	X2	ARR			STAFF

T A M 499 THESIS RESEARCH.
0 TO 4 UNITS.

87709	CONF	AM	ARR			STAFF
87716	CONF	DEF	ARR			STAFF
87723	CONF	DYN	ARR			STAFF
87731	CONF	FLU	ARR			STAFF
87748	CONF	MTL	ARR			STAFF

URBAN PLANNING

DEPARTMENT OFFICE 909 W. NEVADA

COURSES FOR UNDERGRADUATES

U P 171 PLANNING OF CITIES AND REGIONS.
3 HOURS.
*JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.
EACH STUDENT MUST SELECT ONE LECTURE-DISCUSSION COMBINATION.

87755	DISC	B1	9			F	101	E C		
	LECT	B	9	M	W		62	K M		STAFF
87901	DISC	*&B2	9			F	1001	W NEVADA		IUU
	LECT	*B	9	M	W		62	K M		
87762	DISC	B3	9			F	G 18	F L B		
	LECT	B	9	M	W		62	K M		
87770	DISC	B4	9			F	G 36	F L B		
	LECT	B	9	M	W		62	K M		
87787	DISC	B5	9		TH		1001	W NEVADA		
	LECT	B	9	M	W		62	K M		
87794	DISC	B6	9		TH		199	E C		
	LECT	B	9	M	W		62	K M		
87805	DISC	B7	10			F	1001	W NEVADA		
	LECT	B	9	M	W		62	K M		
87812	DISC	F1	2			F	153	A S L		
	LECT	F	2	M	W		153	A S L		STAFF
87919	DISC	*&F2	2			F	1001	W NEVADA		
	LECT	*F	2	M	W		153	A S L		
87820	DISC	F3	2			F	G 18	F L B		
	LECT	F	2	M	W		153	A S L		
87837	DISC	F4	2			F	G 36	F L B		
	LECT	F	2	M	W		153	A S L		
87844	DISC	F5	2			F	G 46	F L B		
	LECT	F	2	M	W		153	A S L		
87851	DISC	F6	2			F	G 48	F L B		
	LECT	F	2	M	W		153	A S L		
87869	DISC	F7	2			F	1032	F L B		
	LECT	F	2	M	W		153	A S L		
87876	DISC	F8	2			F	1040	F L B		
	LECT	F	2	M	W		153	A S L		
87883	DISC	F9	2			F	1048	F L B		
	LECT	F	2	M	W		153	A S L		
87891	DISC	F10	2			F	1118	F L B		
	LECT	F	2	M	W		153	A S L		

COURSES FOR ADVANCED UNDERGRADUATES

U P 260 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 TO 6 HOURS.

87926	CONF	ARR							STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

U P 337 URBAN PLANNING STUDIO, II.
PREREQUISITE: U.P. 236 OR CONSENT OF INSTRUCTOR.
6 HOURS, OR 1 TO 1 1/2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.

87933	LAB-DISC	*1-6	M	W	F	30	BEV HALL		HEUMANN

U P 338 URBAN PLANNING STUDIO, III.
PREREQUISITE: U. P. 337 OR CONSENT OF INSTRUCTOR.
6 HOURS, OR 1 TO 1 1/2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.

87941	LAB-DISC	*1-6	M	W	F	30	BEV HALL		HEIFETZ

U P 351 HISTORY OF URBAN PLANNING.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

87958	LECT-DISC	ARR							GUTTENBERG

U P 374 URBAN PLANNING THEORY.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

87965	LECT-DISC	1-3	TU	TH		1001	W NEVADA		HEUMANN

U P 376 PLANNING ANALYSIS.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

87972	LECT-DISC	9-1030	TU TH	153	A S L	STAFF

U P 377 COMPREHENSIVE PLANNING PROCEDURE.
PREREQUISITE: U. P. 171.
4 HOURS OR 3/4 UNIT.

87980	LECT-DISC	1030-12	TU TH	153	A S L	STAFF

U P 384 URBAN DESIGN AND PLANNING METHODS.
PREREQUISITE: U. P. 171, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

87997	LECT-DISC	11	M W F	1001	W NEVADA	BLAIR

COURSES FOR GRADUATES

U P 487 SEMINAR.
PREREQUISITE: U. P. 374.
1/2 UNIT.
*SECTION A: COMPARATIVE PLANNING SYSTEMS.
*SECTION B: TRANSPORTATION PLANNING.
*SECTION C: PLANNING METHODS.

88000	LECT-DISC *A	ARR		210	M H	KEYES
88017	LECT-DISC *B	ARR		210	M H	STAFF
88024	LECT-DISC *C	ARR		210	M H	BAGBY

U P 488 URBAN PLANNING RESEARCH.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
*SECTION A: PROFESSIONAL ORIENTATION FOR FIRST YEAR GRADUATE STUDENTS--1/2 UNIT
*SECTION B: SELECTED AREAS OF CONCENTRATION.

88031	LECT-DISC *A	4-6	M	1001	W NEVADA	STAFF
88049	CONF *B	ARR				STAFF

U P 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.
1/2 TO 2 UNITS.

88056	CONF	ARR				STAFF

VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE 335 V M

PROFESSIONAL COURSES

V B S 300 GROSS ANATOMY.
PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

88063	LAB-DISC		10-12	M W F	350	V M	ST. CLAIR
			1-3	TU TH	350	V M	

V B S 301 HISTOLOGY.
PREREQUISITE: REGISTRATION IN THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
4 HOURS.

88071	LECT		9	M	150	V M	NORMANDIN
			8	TH	150	V M	
88088	LAB	A	2-4	F	334	V M	
		A	3-5	TU	334	V M	
88095	LAB	B	3-5	M TH	334	V M	

DEPARTMENT OFFICE 103 S A C

PROFESSIONAL COURSES

V C M 360 DISEASES OF SMALL ANIMALS.
PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM.
5 HOURS.

88106	LECT-DISC		8	TUWTH	253	V M		VCSA STAFF
			1	M F	253	V M		VCSA STAFF

V C M 361 GENERAL VETERINARY SURGERY.
PREREQUISITE: THIRD-YEAR STANDING IN VETERINARY CURRICULUM.
3 HOURS.

88113	LECT		8	M	253	V M		HARDENBROOK
			9	W	136	V M		
88121	DISC	A	9-12	TU	253	V M		
88138	DISC	B	9-12	TH	253	V M		

V C M 362 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
2 HOURS.

88145	LAB-DISC	A	9-12	M		V C S A		VCSA STAFF
88152	LAB-DISC	B	9-12	F		V C S A		

V C M 363 REPRODUCTION, OBSTETRICS AND GENITAL DISEASES.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
3 HOURS.

88160	LECT		8	F	150	V M		EAGELMAN
			1	TU TH	136	V M		

V C M 368 DISEASES OF LARGE ANIMALS.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
4 HOURS.

88177	LECT		8	MTUWTH		V M A C H		HATCH

V C M 369 DISEASES OF SMALL ANIMALS.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
2 HOURS.

88184	LECT		9	TU TH	150	V M		VCSA STAFF

V C M 370 SEMINAR.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
1 HOUR.

88191	LECT-DISC		10	M	150	V M		HATCH

V C M 371 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
8 HOURS.

88202	LECT		11	MTUWTHF	150	V M		CAWLEY, VCM
	LAB		1-5	MTUWTHF		V C S A		STAFF AND
			8-12	S		V C S A		VPH STAFF

DEPARTMENT OFFICE 141 V M

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M S 300 GROSS ANATOMY.
PREREQUISITE: FIVE HOURS OF ZOOLOGY, CONSENT OF INSTRUCTOR.
1 UNIT.

88210	LAB-DISC		10-12	M W F	350	V M	ST CLAIR
			1-3	TU TH	350	V M	

V M S 301 HISTOLOGY.
PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
1 UNIT.

88227	LECT		9	M	150	V M	NORMANDIN
			8	TH	150	V M	
88234	LAB	A	2-4	F	334	V M	
		A	3-5	TU	334	V M	
88241	LAB	B	3-5	M TH	334	V M	

V M S 307 CORRELATIVE MAMMALIAN NEUROANATOMY.
PREREQUISITE: V. B. S. 300, ZOOL. 232, OR CONSENT OF INSTRUCTOR.
1 UNIT.

88259	LAB-DISC		ARR				SAFANIE

V M S 315 VETERINARY PHYSIOLOGY.
PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 1/4 UNITS.

88266	LECT-DISC		11	M W F	253	V M	DOWNEY
			8	TU	136	V M	DOWNEY
88273	LAB	A	1-5	TU	266	V M	DOWNEY
88281	LAB	B	1-5	TH	266	V M	DOWNEY

V M S 320 PHARMACOLOGY AND TOXICOLOGY.
PREREQUISITE: V. M. S. 318 OR CONSENT OF INSTRUCTOR.
1 UNIT.

88298	LECT-DISC		9	TU TH	253	V M	HUBER,
			1-4	M W	253	V M	LINK

V M S 332 VETERINARY MICROBIOLOGY AND IMMUNOLOGY.
PREREQUISITE: V. P. H. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

88309	LECT		1	M W F	136	V M	MYERS,
88316	LAB	A	9-11	M W	168	V M	KILLINGER
88323	LAB	B	2-4	M W	168	V M	

V M S 333 PROTOZOAN AND ARTHROPOD PARASITES.
PREREQUISITE: COURSES TOTALING TWENTY HOURS IN CHEMISTRY OR ANIMAL BIOLOGY, OR BOTH, CONSENT OF INSTRUCTOR.
3/4 UNIT.

88331	LECT		9	TU TH	136	V M	FITZGERALD,
88348	LAB	A	1-4	TU	168	V M	IVENS
88355	LAB	B	1-4	TH	168	V M	

V M S 334 GENERAL PATHOLOGY.
PREREQUISITE: COURSES TOTALING TWENTY-FIVE HOURS IN HISTOLOGY, PARASITOLOGY, PHYSIOLOGY, AND MICROBIOLOGY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

88362	LECT		8	M W F	136	V M	REYNOLDS
88370	LAB	A	9-11	M W F	132	V M	
88387	LAB	B	2-4	M W F	132	V M	

V M S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND HORT. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

88394	LAB-DISC	1	1-3	TU	W223	T H		
	LECT		9	TU TH	120	ARCH		SEIF
88405	LAB-DISC	2	3-5	TU	W223	T H		
	LECT		9	TU TH	120	ARCH		
88412	LAB-DISC	3	1-3	W	W223	T H		
	LECT		9	TU TH	120	ARCH		
88420	LAB-DISC	4	3-5	W	W223	T H		
	LECT		9	TU TH	120	ARCH		

V M S 346 MANAGEMENT AND DISEASES OF LABORATORY ANIMALS.
SAME AS V. P. H. 346.
PREREQUISITE: AT LEAST 2 COURSES IN BIOLOGY OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

88437	LECT	10	TU F	150	V M		NEWTON

V M S 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., SOC., AND ZOOL. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

88444	LECT-DISC	11	M W F	112	C A		TODD

V M S 392 SPECIAL PROBLEMS.
PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE POINT AVERAGE OF 3.5 OR ABOVE.
*STUDENTS MAY ACCUMULATE ONE UNIT.
*1/2 UNIT.

88451	LAB	ARR					STAFF

COURSES FOR GRADUATES

V M S 417 MEDICAL MYCOLOGY.
PREREQUISITE: MCBIO. 326, V. M. S. 332, OR EQUIVALENT.
1 UNIT.

88469	LAB-DISC	ARR					RHOADES, WATRACH

V M S 418 CONCEPTS AND TOPICS IN IMMUNOLOGY.
SAME AS BIOL. 418.
PREREQUISITE: CONSENT OF INSTRUCTOR. MCBIO. 327 AND BIOL. 307 RECOMMENDED.
1/2 UNIT.

88476	LECT-DISC	ARR					SEGRE

V M S 445 ADVANCED MACROSCOPIC PATHOLOGY.
PREREQUISITE: V. M. S. 334, 335 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

88483	LAB-DISC	ARR					BEAMER, SIMON

V M S 457 ULTRASTRUCTURAL PATHOLOGY.
PREREQUISITE: ZOOL. 430--CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

88491	LECT-DISC	ARR					WATRACH

V M S 459 ADVANCED CORRELATIVE PATHOLOGY.
PREREQUISITE: V. M. S. 308, 335, 445, 450, OR EQUIVALENT; CONSENT OF INSTRUCTOR.
0 TO 1 1/2 UNITS.

88501	LAB-DISC	ARR					SIMON, WATRACH

V M S 460 ADVANCED VETERINARY PHYSIOLOGY.
PREREQUISITE: V. M. S. 315, 316, OR EQUIVALENT; CONSENT OF INSTRUCTOR.
1 UNIT.

88519	CONF	ARR					LINK

V M S 464 MINERAL METABOLISM.
PREREQUISITE: V. M. S. 316 OR PHYSL. 301 AND 302 OR EQUIVALENT; CHEM.350 OR 354 OR EQUIVALENT; OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

88526	LECT-DISC	ARR	ANDERSON

V M S 490 SEMINAR.
REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL SCIENCE.
1/4 UNIT.

88533	DISC	ARR	WOODS

V M S 491 THE EXPERIMENTAL METHOD IN VETERINARY RESEARCH.
1/2 UNIT.

88541	LECT	ARR	LEVINE

V M S 492 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 1 UNIT.

88558	LAB	ARR	STAFF

V M S 499 THESIS RESEARCH.
0 TO 4 UNITS.

88565	LAB	ARR	STAFF

VETERINARY MEDICINE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

V M 392 SPECIAL PROBLEMS.
PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND GRADE POINT AVERAGE OF 3.5.
*STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT
*3 HOURS OR 1/2 UNIT.

88572	LAB	ARR	STAFF

VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT OFFICE 61 V M

PROFESSIONAL COURSES

V P H 330 VETERINARY MEDICAL HISTORY AND ORIENTATION.
PREREQUISITE: FIRST YEAR STANDING IN VETERINARY CURRICULUM.
1 HOUR.

88580	LECT		9	W	150	V M	JONES

V P H 332 VETERINARY MICROBIOLOGY AND IMMUNOLOGY.
PREREQUISITE: V. P. H. 331 OR CONSENT OF INSTRUCTOR.
4 HOURS.

88597	LECT		1	M W F	136	V M	KILLINGER,
88608	LAB	A	9-11	M W	168	V M	MYERS
88615	LAB	B	2-4	M W	168	V M	

V P H 333 PROTOZOAN AND ARTHROPOD PARASITES.
PREREQUISITE: SECOND-YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
3 HOURS.

88622	LECT		9	TU TH	136	V M	FITZGERALD,
88630	LAB	A	1-4	TU	168	V M	TODD
88647	LAB	B	1-4	TH	168	V M	

V P H 334 GENERAL PATHOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

88654	LECT		8	M W F	136	V M	REYNOLDS,
88661	LAB	A	9-11	M W F	132	V M	SELLS
88679	LAB	B	2-4	M W F	132	V M	

V P H 337 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: THIRD YEAR STANDING IN PROFESSIONAL CURRICULUM.

88686	DISC		10-12	W	150	V M	SIMON

V P H 338 CLINICAL PATHOLOGY.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
2 HOURS.

88693	LECT		3	TU TH	136	V M	DORNER
88704	LAB	A	10-12	F	168	V M	
88711	LAB	B	2-4	F	168	V M	

V P H 339 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: V. P. H. 337.

88729	DISC		10	W	150	V M	SIMON

V P H 340 DISEASES OF POULTRY.
PREREQUISITE: FOURTH YEAR STANDING IN THE VETERINARY CURRICULUM, OR CONSENT OF INSTRUCTOR.
3 HOURS.

88736	LECT		9	M W F	253	V M	HANSON

V P H 346 MANAGEMENT AND DISEASES OF LABORATORY ANIMALS.
SAME AS V. M. S. 346.
PREREQUISITE: AT LEAST 2 COURSES IN BIOLOGY OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

88743	LECT		10	TU F	150	V M	NEWTON

VETERINARY PHYSIOLOGY AND PHARMACOLOGY

DEPARTMENT OFFICE 263 V M

V P P 202 PHYSIOLOGY OF DOMESTIC ANIMALS.
PREREQUISITE: CHEM. 101 OR 102 OR EQUIVALENT.
3 HOURS.

88751	LECT		10	M W F	253	V M	STAFF

PROFESSIONAL COURSES

V P P 315 VETERINARY PHYSIOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 1/4 UNITS.

88768	LECT-DISC		11	M W F	253	V M	DOWNEY AND
			8	TU	136	V M	STAFF
88775	LAB	A	1-5	TU	266	V M	
88782	LAB	B	1-5	TH	266	V M	

V P P 319 VETERINARY RADIOPHYSIOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR. FOR NON-VETERINARY STUDENTS, CHEM. 122 AND 133 OR 234, OR EQUIVALENT.
2 HOURS.

88790	LECT		8	TH	136	V M	TWARDOCK
88801	LAB	A	10-12	TU	232	V M	AND STAFF
88818	LAB	B	10-12	TH	232	V M	

V P P 320 PHARMACOLOGY AND TOXICOLOGY.
PREREQUISITE: V. P. P. 318 OR CONSENT OF INSTRUCTOR.
4 HOURS.

88825	LECT-DISC		2	TU TH	253	V M	LINK AND
			1-4	W	253	V M	STAFF
			2-5	M	253	V M	

VOCATIONAL AND TECHNICAL EDUCATION

DEPARTMENT OFFICE 347A EDUCATION BUILDING

COURSES FOR UNDERGRADUATES

VOTEC 101 NATURE OF THE TEACHING PROFESSION.
2 HOURS.
*SECTION G: AGRICULTURAL EDUCATION.
*SECTION L: HOME ECONOMICS.
*SECTION B: BUSINESS EDUCATION.
*SECTION I: INDUSTRIAL EDUCATION.

88832	LECT-DISC	*G	12	F	28	EDUC	THOMAS
		*G	10-12	TH	33	EDUC	THOMAS
88840	LECT-DISC	*L	10	TU	25	EDUC	GRIGGS
		*L	10-12	TH	25	EDUC	GRIGGS
88857	LECT-DISC	*B	2	M W	8	D K H	MAHAFFEY
	LAB	*B	3	M W	8	D K H	MAHAFFEY
88864	LECT-DISC	*I	9-12	TH	317	D K H	SREDL

VOTEC 181 INTRODUCTORY WOODWORK.
4 HOURS.
*SECTION A FOR STUDENTS IN OCCUPATIONAL THERAPY CURRICULUM.

88889	LECT	*A	2	M W F	48A	EDUC	STAFF
	LAB	*A	3-5	M W F	48A	EDUC	STAFF
88871	LECT	B	8	TU TH	48A	EDUC	STAFF
	LAB	B	9-12	TU TH	48A	EDUC	STAFF

VOTEC 188 GENERAL SHOP FOR ELEMENTARY AND SPECIAL EDUCATION TEACHERS.
3 HOURS.

88896	LECT	A	2	TU TH	48A	EDUC	STAFF
	LAB	A	3-5	TU TH	48A	EDUC	STAFF

VOTEC 189 SUPERVISED OCCUPATIONAL EXPERIENCE.
PREREQUISITE: SOPHOMORE STANDING.
*STUDENTS MAY ACCUMULATE SEVENTEEN HOURS.
*2 OR 3 HOURS.
TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION
WITH ADVISOR.

88907	PRACT		ARR				STAFF

VOTEC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A: AGRICULTURAL EDUCATION.
SECTION B: BUSINESS EDUCATION - PRACTICUM IN SHORTHAND. 3 HOURS.
SECTION C: HOME ECONOMICS.
SECTION D: BUSINESS EDUCATION - PRACTICUM IN TYPEWRITING. 2 HOURS.

88921	LECT-DISC	A	7-9PM	TH	33	EDUCATION	HEMP
88946	LECT-DISC	B	4	M W F	8	D K H	STAFF
88939	LECT-DISC	C	ARR				STAFF
88914	LECT-DISC	D	3	TU TH	385	EDUC	STAFF

COURSES FOR ADVANCED UNDERGRADUATES

VOTEC 240 PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION.
PREREQUISITE: VOTEC. 101 AND PSYCH. 100.
2 HOURS.
*SECTION E: HOME ECONOMICS EDUCATION.
*SECTION G: AGRICULTURE.
*SECTION I: INDUSTRIAL EDUCATION.

88953	LECT-DISC	*E	1-4	TH	22	EDUC	SPITZE
88961	LECT-DISC	*G	12	M F	33	EDUC	WILLIAMS
88978	LECT-DISC	*I	1-4	TH	226	COM W	SREDL

VOTEC 240 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER FIFTEEN PERCENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
1 HOURS.
*SECTION 1: INDUSTRIAL EDUCATION.

88888	CONF	*0	ARR		STAFF

VOTEC 270 TEACHING AND CURRICULUM DEVELOPMENT FOR TEACHING SECRETARIAL AND OFFICE PRACTICE SUBJECTS.
3 HOURS.

88881	LECT		8	M W F	8 0 4 M	WALKERER
	LAB		1-5	TU TH	8 0 4 M	WALKERER

VOTEC 275 LEAMER EXPERIENCE IN AGRICULTURAL EDUCATION.
PREREQUISITE: MP. ED. 201.
1 OR 3 HOURS.

88882	PRACT	ARR	STAFF

VOTEC 276 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.
PREREQUISITE: MP. ED. 201 AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENROLLMENT IN VOTEC. 277.
6 HOURS.

88883	PRACT	ARR	STAFF

VOTEC 277 PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION.
PREREQUISITE: MP. ED. 201. AND VOTEC. 240 OR CONSENT OF INSTRUCTOR AND CONCURRENT ENROLLMENT IN VOTEC. 276.
6 HOURS.
WILL NOT MEET DURING THE 10W-WEEK STUDENT TEACHING PERIOD.

88884	LECT-DISC		8-10	MTWTHF	28 EDUC	WALKER
88885	LAB	4	10	MTWTHF	28 EDUC	WALKER
88886	LAB	8	3-5	TU TH	28 EDUC	WALKER

VOTEC 278 VOCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
PREREQUISITE: SENIOR STANDING, REGISTRATION IN ED. 201, 241 AND ED. 242.
3 HOURS.
WILL NOT MEET DURING THE 10W-WEEK STUDENT TEACHING PERIOD.
*TWO HOURS TO BE ARRANGED.

88887	LECT-DISC	*4	MTWTHF	28 EDUC	BRIDGE

VOTEC 284 ADVANCED METALWORK.
PREREQUISITE: VOTEC. 183.
4 HOURS.

88888	LECT-DISC	2	M F	38 EDUC	STAFF
	LAB	3-5	M W F	38 EDUC	STAFF

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

VOTEC 340 SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND TECHNICAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR; DEMONSTRATED ABILITY TO PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED.
1 TO 4 HOURS, OR 1 TO 3 UNITS.
*SECTION 1 (1) FOR AGRICULTURAL EDUCATION.
*SECTION 2 (2) FOR BUSINESS EDUCATION.
*SECTION 3 (3) FOR HOME ECONOMICS.
*SECTION 4 (4) FOR INDUSTRIAL EDUCATION.
*SECTION 5: GENERAL VOTEC.

88890	CONF	*1	ARR	STAFF
88891	CONF	*2	ARR	STAFF
88892	CONF	*3	ARR	STAFF
88893	CONF	*4	ARR	STAFF
88894	CONF	*5	ARR	STAFF

VOTEC 355 DEVELOPMENT, ORGANIZATION, AND PRINCIPLES OF INDUSTRIAL EDUCATION.
3 HOURS, OR 1 TO 3 UNITS.

88895	LECT-DISC	1	M	38 EDUC	STERN
		1-3	W	38 EDUC	STERN

VOTEC 384 THE GENERAL COOP PROGRAM.
PREREQUISITE: EIGHTEEN HOURS IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.
4 HOURS OR 1 UNIT.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

89183	LECT-DISC	8	M	W	F	98	BOWC		STAFF
	LAB	9-01	M	W	F	38	BOWC		STAFF

VOTEC 386 SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.
PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.
4 HOURS OR 1 UNIT.

89141	LECT-DISC	930-1APM		W		38	BOWC		STAFF

COURSES FOR GRADUATES

VOTEC 445 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISOR AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.
*1/2 OR 1 UNIT.
*SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

89158	CONF	*A	ARR		STAFF
89165	CONF	*B	ARR		STAFF
89172	CONF	*C	ARR		STAFF
89180	CONF	*D	ARR		STAFF
89187	CONF	*E	ARR		STAFF

VOTEC 450 EVALUATION IN HOME ECONOMICS EDUCATION.
1 UNIT.

89008	LECT-DISC	7-PPM		W		18	BOWC		WATHEN

VOTEC 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF VOCATIONAL AND TECHNICAL EDUCATION.
1 UNIT.
*SECTION B IS BUSINESS EDUCATION.

89015	LECT-DISC *B	4-5		TU		8	D A Y		MAHAFFEY

VOTEC 478 VOCATIONAL EDUCATION IN AGRICULTURE FOR ADULTS.
PREREQUISITE: VOTEC. 376 AND 377 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

89022	LECT-DISC	4-6		M		18	BOWC		HEWT

VOTEC 481 HISTORY AND BASIC CONCEPTS OF VOCATIONAL AND TECHNICAL EDUCATION.
1 UNIT.

89230	LECT-DISC	7-930PM		TH		18	BOWC		STAFF

VOTEC 482 RESEARCH STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION.
1 UNIT.

89047	LECT-DISC	630-830PM		W		38C	BOWC		EWING

VOTEC 487 SEMINAR IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS
1 UNIT.

89064	LECT-DISC	7-930PM		TU		18	BOWC		STAFF

VOTEC 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN VOCATIONAL AND TECHNICAL EDUCATION.
2 TO 3 UNITS.
*SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

89261	CONF	*A	ARR		STAFF
89279	CONF	*B	ARR		STAFF
89286	CONF	*C	ARR		STAFF
89293	CONF	*D	ARR		STAFF
89304	CONF	*E	ARR		STAFF

VOTEC 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.
*SECTION A: AGRICULTURE.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

89311	CONF	*A	ARR	STAFF
89329	CONF	*C	ARR	STAFF
89336	CONF	*D	ARR	STAFF
89343	CONF	*E	ARR	STAFF

VOTEC 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A: AGRICULTURE.
*SECTION B: HOME ECONOMICS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

89351	CONF	*A	ARR	STAFF
89368	CONF	*B	ARR	STAFF
89375	CONF	*C	ARR	STAFF
89382	CONF	*D	ARR	STAFF
89390	CONF	*E	ARR	STAFF

YORUBA

DEPARTMENT OFFICE 309H D H

COURSES FOR ADVANCED UNDERGRADUATES

YRUBA 201 ELEMENTARY YORUBA, I.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR 3 HOURS WORK PER WEEK
IN THE LANGUAGE LABORATORY.
*NO CREDIT IS GIVEN FOR YORUBA 201 WITHOUT YORUBA 202.
*5 HOURS.

89401	LECT-DISC	4	M		1110	F L B	
		330-5		W F	1110	F L B	AJOLORE

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

YRUBA 303 INTERMEDIATE YORUBA, I.
PREREQUISITE: YORUBA 202 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

89418	LECT-DISC	1	M W F		G 52	F L B	AJOLORE

DEPARTMENT OFFICE 287 MORRILL HALL

MAJOR: BIOLOGY 110 AND 111, OR EQUIVALENT, AND TWENTY HOURS IN COURSES AT THE 200-LEVEL OR ABOVE OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES. THE TWENTY HOURS MUST INCLUDE AT LEAST TWELVE HOURS OF CREDIT IN ZOOLOGY COURSES AND AT LEAST TWO LABORATORY OR FIELD COURSES. UP TO FIVE HOURS OF THE TWENTY HOUR REQUIREMENT MAY CONSIST OF ZOOLOGY 303, OR EQUIVALENT, AND NO MORE THAN EIGHT HOURS IN SUCH COURSES WILL BE ACCEPTED FOR GRADUATION CREDIT. ALSO REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST THREE SEMESTERS OF CHEMISTRY INCLUDING ORGANIC, AND MATHEMATICS 120 OR EQUIVALENT. COURSES IN BIOCHEMISTRY, CALCULUS AND STATISTICS ARE HIGHLY RECOMMENDED.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANIMAL SCIENCE (TO BE CHOSEN FROM COURSES 100, 110, 230, 305 OR 330), ANTHROPOLOGY, BIOCHEMISTRY, BOTANY, CHEMISTRY, EDUCATION, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PSYCHOLOGY

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST MAINTAIN A GRADE POINT AVERAGE OF AT LEAST 4.0 IN ALL COURSES TAKEN WITHIN THE SCHOOL OF LIFE SCIENCES AND MUST SUBMIT A WRITTEN REPORT ON INDEPENDENT RESEARCH CONDUCTED UNDER THE SUPERVISION OF A FACULTY ADVISOR.

COURSES FOR UNDERGRADUATES

ZOOL 104 ELEMENTARY ZOOLOGY.
4 HOURS.

89425	LECT	A	9	TU TH		112	G H		INGLE
89432	LECT	B	3	TU TH		112	G H		
89440	LAB-DISC	1	8-10	M		338	N H B		
		1	8		F	338	N H B		
89457	LAB-DISC	2	8-10	M		418	N H B		
		2	8		F	418	N H B		
89464	LAB-DISC	3	10-12	M		338	N H B		
		3	10		F	338	N H B		
89471	LAB-DISC	4	10-12	M		418	N H B		
		4	10		F	418	N H B		
89489	LAB-DISC	5	1-3	M		338	N H B		
		5	1		F	338	N H B		
89496	LAB-DISC	6	1-3	M		418	N H B		
		6	1		F	418	N H B		
89507	LAB-DISC	7	3-5	M		338	N H B		
		7	3		F	338	N H B		
89514	LAB-DISC	8	3-5	M		418	N H B		
		8	3		F	418	N H B		
89521	LAB-DISC	9	8-10	TU		338	N H B		
		9	8		TH	330	N H B		
89539	LAB-DISC	10	8-10	TU		418	N H B		
		10	9		TH	330	N H B		
89546	LAB-DISC	11	10-12	TU		338	N H B		
		11	10		TH	330	N H B		
89553	LAB-DISC	12	10-12	TU		418	N H B		
		12	11		TH	330	N H B		
89561	LAB-DISC	13	1-3	TU		338	N H B		
		13	1		TH	330	N H B		
89578	LAB-DISC	14	1-3	TU		418	N H B		
		14	2		TH	330	N H B		
89585	LAB-DISC	15	3-5	TU		338	N H B		
		15	3		TH	330	N H B		
89592	LAB-DISC	16	3-5	TU		418	N H B		
		16	4		TH	330	N H B		
89603	LAB-DISC	17	8-10	W		338	N H B		
		17	9		F	338	N H B		
89611	LAB-DISC	18	8-10	W		418	N H B		
		18	9		F	418	N H B		
89628	LAB-DISC	19	10-12	W		338	N H B		
		19	11		F	338	N H B		
89635	LAB-DISC	20	10-12	W		418	N H B		
		20	11		F	418	N H B		

ZOOL 104 CONTINUED

89642	LAB-DISC	21	1-3	W		338	N H B	
		21	2		F	338	N H B	
89650	LAB-DISC	22	1-3	W		418	N H B	
		22	2		F	418	N H B	
89667	LAB-DISC	23	3-5	W		338	N H B	
		23	4		F	338	N H B	
89674	LAB-DISC	24	3-5	W		418	N H B	
		24	4		F	418	N H B	
89681	LAB-DISC	25	8-10	TH		338	N H B	
		25	8	TU		330	N H B	
89699	LAB-DISC	26	8-10	TH		418	N H B	
		26	9	TU		330	N H B	
89700	LAB-DISC	27	10-12	TH		338	N H B	
		27	10	TU		330	N H B	
89717	LAB-DISC	28	10-12	TH		418	N H B	
		28	11	TU		330	N H B	
89724	LAB-DISC	29	1-3	TH		338	N H B	
		29	1	TU		330	N H B	
89731	LAB-DISC	30	1-3	TH		418	N H B	
		30	2	TU		330	N H B	
89749	LAB-DISC	31	3-5	TH		338	N H B	
		31	3	TU		330	N H B	
89756	LAB-DISC	32	3-5	TH		418	N H B	
		32	4	TU		330	N H B	

ZOOL 106 PRINCIPLES OF HEREDITY.
PREREQUISITE: SOPHOMORE STANDING.
*CREDIT WILL NOT BE GIVEN FOR ZOOL. 106 AND EITHER BIOL. 210 OR 115
*3 HOURS.

89763	DISC		9	M W F		124	BUR HALL	KITZMILLER

COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES

ZOOL 300 GENERAL SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS BUT ALSO OPEN TO SENIORS WHOSE MAJOR IS ZOOLOGY.

89771 DISC ARR
ATTENTION IS ALSO CALLED TO THE FOLLOWING SPECIAL CLUBS AND SEMINARS: ANIMAL ECOLOGY CLUB. 5 PM W, 302 VIVARIUM.
GENETICS SEMINAR--INTERDEPARTMENTAL. 4 PM, FIRST AND THIRD MONDAYS, 341 A S L.
ENDOCRINOLOGY SEMINAR--INTERDEPARTMENTAL. FOR TOPICS, TIME, AND PLACE, SEE UNIVERSITY CALENDAR.
PROTOZOOLOGY-PARASITOLOGY SEMINAR. SECOND TUESDAYS, 7.30 P M. 167 VET MED.
FOR DETAILS, SEE UNIVERSITY CALENDAR.

ZOOL 303 INDIVIDUAL TOPICS.
PREREQUISITE: TWO YEARS OF ZOOLOGY, SENIOR STANDING, APPROVAL OF DEPARTMENT.
2 OR 5 HOURS, OR 1/2 OR 1 UNIT.

89788	CONF	A	ARR					STAFF

ZOOL 304 FIELD AND SYSTEMATIC ZOOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT; SENIOR STANDING OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

89795	LECT		1	TU TH		231	N H B	MATTESON
89806	LAB	A	8-11	TU TH		420	N H B	
89813	LAB	B	2-5	TU TH		420	N H B	

ZOOL 318 PROTOZOOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

89821	LECT		1	M W		231	N H B	SMALL
89838	LAB	A	2-5	M W		208	N L	
89845	LAB	B	9-12	M W		208	N L	

ZOOL 321 PARASITOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

89852	LECT		1	TU TH		140	BUR HALL	KRUIDENIER
89860	LAB	A	2-5	M W		326	N H B	
89877	LAB	B	2-5	TU TH		326	N H B	

ZOOL 331 EXPERIMENTAL CYTOLOGY.
SAME AS BOT. 331.
PREREQUISITE: BIOL. 210; CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

89884	LECT		10	TU TH	136	BUR HALL	STEFFENSEN DAVENPORT

ZOOL 333 VERTEBRATE EMBRYOLOGY.
PREREQUISITE: BIOL. 111 OR EQUIVALENT
5 HOURS OR 1 UNIT.

89891	LECT		3	TU	228	N H B	WATTERSON
			3-5	TH	228	N H B	
89902	LAB-DISC	A	8-10	M W F	318	N H B	
89910	LAB-DISC	B	10-12	M W F	318	N H B	
89927	LAB-DISC	C	1-3	M W F	318	N H B	
89934	LAB-DISC	D	9-12	TU TH	318	N H B	

ZOOL 334 EXPERIMENTAL CYTOLOGY LABORATORY.
SAME AS BOT. 334.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

89941	LAB		2-5	TU TH	106	H H	STEFFENSEN DAVENPORT

ZOOL 336 MAMMALOGY.
PREREQUISITE: ZOOL. 232.
4 HOURS OR 1 UNIT.
ADDITIONAL FIELD WORK REQUIRED AND TO BE ARRANGED.

89959	LECT		11	TU TH	231	N H B	HOFFMEISTER
89966	LAB	A	8-11	TU	415	N H B	
89973	LAB	B	8-11	TH	415	N H B	

ZOOL 342 WILDLIFE MANAGEMENT AND CONSERVATION.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

89981	LECT		2	TU TH	302	VIVARIUM	SHOEMAKER
	LAB		8-12	S	1028	VIVARIUM	

ZOOL 345 ANIMAL ECOLOGY.
PREREQUISITE: BIOL. 312 OR CONSENT OF INSTRUCTOR.
*4 HOURS, OR 3/4 UNIT CREDIT REQUIRES FIELD WORK ON SIX SATURDAYS; 5 HOURS OR 1 UNIT REQUIRES FIELD WORK ON TEN SATURDAYS, INCLUDING ONE WEEKEND FIELD TRIP.
*4 OR 5 HOURS, OR 3/4 OR 1 UNIT.

89998	LECT		10	M W F	302	VIVARIUM	GETZ
	LAB		8-12	S	201	VIVARIUM	

ZOOL 346 ETHOLOGY.
SAME AS AN. S. AND ANTH. 346.
PREREQUISITE: ONE YEAR OF COURSES IN ZOOLOGY, PHYSIOLOGY, PSYCHOLOGY OR BIOLOGICAL ANTHROPOLOGY.
3 HOURS OR 3/4 UNIT.

90004	LECT		9	M W F	202	H H	BANKS & SALMON

ZOOL 349 ECOLOGY AND EVOLUTION OF SOCIAL STRUCTURE.
PREREQUISITE: ZOOL. 346; BIOL. 310.
3 HOURS OR 3/4 UNIT.

90011	LECT-DISC		10	TU TH	248	M E B	BANKS, JAYCOX, KLEIN, WILLSON

ZOOL 350 BEHAVIOR-GENETIC ANALYSIS.
SAME AS ZOOL. 342.
PREREQUISITE: ANTH. 240, BIOL. 210, OR CONSENT OF INSTRUCTOR; CONSENT REQUIRED FOR ENROLLMENT IN LABORATORY.
3 OR 5 HOURS, OR 3/4 OR 1 UNIT.

90029	LECT		1	TU TH	136	BUR HALL	HIRSCH
	LAB		2-4	TU TH	346	N H B	

ZOOL 351 VIRUSES, I.
SAME AS BOT. AND MCBIO. 351.
PREREQUISITE: ORGANIC CHEMISTRY; BIOCHEMISTRY, CALCULUS AND GENETICS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

90036	LECT		11	M W F	140	BUR HALL	DRAKE

ZOOL 361 INDIVIDUAL AND GROUP BEHAVIOR OF HONEY BEES.
SAME AS ENTOM. 361 AND HORT. 361.
PREREQUISITE: ONE SEMESTER OF ENTOMOLOGY OR ZOOLOGY.
2 HOURS OR 1/2 UNIT.

90043	LECT-DISC	1	TU TH	W115	T H	JAYCOX

ZOOL 367 ANALYSIS OF DEVELOPMENT.
PREREQUISITE: BIOL. 211 OR ZOOL. 333, AND BIOL. 210, AND ORGANIC CHEMISTRY.
3 HOURS OR 3/4 UNIT.

90051	LECT-DISC	11	M W F	160	M E B	

ZOOL 369 INTRODUCTION TO HUMAN ECOLOGY.
SAME AS GEOG., ANTH., H. ED., PHYSL., PSYCH., SOC. AND V. M. S. 369.
PREREQUISITE: ONE YEAR OF BIOLOGY; PLUS ONE YEAR OF ANTHROPOLOGY, GEOGRAPHY, GEOLOGY, PSYCHOLOGY, OR SOCIOLOGY.
*A TERM PAPER IS REQUIRED FOR CREDIT, DEPENDING UPON THE NATURE AND MAGNITUDE OF THIS PAPER THE CREDIT MAY BE 3 OR 5 HOURS.
*3 OR 5 HOURS, OR 1/2 OR 1 UNIT.

90068	LECT-DISC	11	M W F	112	C A	TODD/KENDEIGH

COURSES FOR GRADUATES

ZOOL 405 MOLECULAR GENETICS.
SAME AS BOT. AND MCBIO. 405.
PREREQUISITE: MCBIO. 330; OR MCBIO. 316 PLUS BIOCHEMISTRY; OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

90075	LECT	1	M W F	136	BUR HALL	WOESE

ZOOL 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
SAME AS AN. S. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

90082	LAB	ARR				NALBANDOV

ZOOL 412 ADVANCED ENDOCRINOLOGY
SAME AS AN. S., D. S., AND PHYSL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC: TO BE ANNOUNCED.

90090	DISC	730-10PM	M	140	BUR HALL	NALBANDOV

ZOOL 420 EXPERIMENTAL INVERTEBRATE ZOOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR, AND ZOOL. 320 OR EQUIVALENT.
1 UNIT.

90101	LECT-DISC	ARR				SWEENEY

ZOOL 433 TOPICS IN DEVELOPMENTAL BIOLOGY.
PREREQUISITE: ZOOL. 367.
*MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL CANDIDATES THREE UNITS.
*1/4 UNIT.
INSTRUCTORS: BROWN, DAVENPORT, NANNEY, STOCUM, WATTERSON, WHITT.

90118	CONF	ARR				BROWN, DAVENPORT, NANNEY, STOCUM WATTERSON, WHITT

ZOOL 441 ADVANCED COMPARATIVE PHYSIOLOGY.
SAME AS PHYSL. 441.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
*SECTION A TOPIC: COMPARATIVE PHYSIOLOGY OF MUSCLE.
*SECTION B TOPIC: COMPARATIVE RADIOBIOLOGY.
*SECTIONS A AND B MAY BE TAKEN CONCURRENTLY.

90125	DISC	*A	7-9PM	M	422	BUR HALL	BARR
90132	DISC	*B	730-930PM	W	140	BUR HALL	DUCOFF

ZOOL 442 ADVANCED COMPARATIVE PHYSIOLOGY LABORATORY.
SAME AS PHYSL. 442.
PREREQUISITE: PHYSL. 402, 403, 404; CREDIT OR REGISTRATION IN PHYSL. OR ZOOL. 441.
1 UNIT.

90140	LAB	1-4	M	W	542	BUR HALL	BARR

ZOOL 443 PROBLEMS IN PRIMATE BEHAVIOR AND ECOLOGY.
SAME AS ANTH. 443.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ADDITIONAL CREDIT.
*1 UNIT.

90157	LAB-DISC	ARR	KLEIN

ZOOL 490 INDIVIDUAL RESEARCH.
FOR MASTERS DEGREE CANDIDATES WHO ELECT TO WRITE A RESEARCH REPORT RATHER THAN A THESIS.
PREREQUISITE: CONSENT OF ADVISER.
*NO MORE THAN 3 UNITS MAY BE INCLUDED IN THE MASTERS DEGREE PROGRAM.
*1/2 TO 3 UNITS.

90164	CONF	ARR	STAFF

ZOOL 499 THESIS RESEARCH.
0 TO 4 UNITS.
ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF VERTEBRATES:

VERTEBRATE ANATOMY	
FUNCTIONAL ANATOMY	FRAZZETTA
VERTEBRATE PHYSIOLOGY	PROSSER, HEATH

ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF INVERTEBRATES:

HELMINTHOLOGY	KRUIDENIER, SILVERMAN, LEVINE
INVERTEBRATE ZOOLOGY	MATTESON, SWEENEY
INVERTEBRATE PHYSIOLOGY	PROSSER, SWEENEY
PARASITOLOGY	KRUIDENIER, SILVERMAN,ALGER
PROTOZOOLOGY	SMALL, LEVINE

EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS AND TISSUES:

CYTOLOGY	DAVENPORT
DEVELOPMENTAL BIOLOGY	WHITT
EMBRYOLOGY AND REGENERATION	DAVENPORT, WATTERSON,STOCUM
TOXICOLOGY	INGLE
ULTRASTRUCTURE	HALL

ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY:

ECOLOGY	KENDEIGH, WILLSON. GHENT, GETZ
ETHOLOGY	BANKS, HIRSCH, SALMON
HERPETOLOGY	
ICHTHYOLOGY	SHOEMAKER, P. SMITH
LIMNOLOGY	MATTESON, BENNETT
MAMMALOGY	HOFFMEISTER, LEE, LELAND
ORNITHOLOGY	KENDEIGH
TAXONOMY	EADES
WILDLIFE	KENDEIGH, SHOEMAKER, SANDERSON

GENETICS AND EVOLUTION:

GENETICS	KITZMILLER, NANNEY, BROWN,
EVOLUTIONARY THEORY	FRAZZETTA

90171	CONF	ARR	STAFF

NON-COMBINED FINAL EXAMINATION SCHEDULE

First Semester, 1971-1972

Monday, January 17, to Tuesday, January 25, 1972

Note: This schedule does not apply to courses in the colleges of Law and Veterinary Medicine, or to combined-section examinations. These schedules will be announced later.

REQUIREMENT

Examinations must be taken at the close of each semester, term, or session in all courses except those the character of which renders this unnecessary or impracticable.

TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved *in advance* by the Chancellor. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college. (Instructors in courses with forty or more students scheduled to give the final examination on the last day of the examination period have the option of giving their examinations from 7:00 to 10:00 p.m. on the fourth day of the examination period, or at the time originally scheduled. If the early date is elected, required make-up examinations must be given at the time originally scheduled.)

Undergraduate Students. Only the dean of the student's college may approve postponement of the final examination in *individual cases* of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in *individual cases* of graduate students.

EVENING EXAMINATIONS

Evening examinations *are not authorized* except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m.. The evening hours for these examinations are specified in the published non-combined examination schedule.

IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at *least two lectures per week at the same hour* must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory periods.

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods *at the same hour* should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour.

Examinations in courses which include combinations of one meeting each of lecture, discussion, and laboratory, or any two of these, *at different hours* must be arranged by the instructors concerned within the established period. A conflict examination must be provided if necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Friday, January 21, *not* Tuesday, January 25.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course must be given on Friday, January 21, from 8:00 to 11:00 a.m.

SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned *within the established examination period* (January 17 to January 25, 1972).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-section examinations must care for conflicts with non-combined examinations.

Two or more examinations in sequence are not considered "conflicts."

LENGTH OF EXAMINATIONS

The *maximum* limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discretion of the department, a shorter examination may be given.

ROOM RESERVATIONS

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on December 13, 1971. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964, copy of which is available in the Office of Admissions and Records.)

NON-COMBINED FINAL EXAMINATION SCHEDULE

First Semester 1971-1972 (Monday, Jan. 17, through Tuesday, Jan. 25, 1972)

NOTE: This schedule does not apply to combined sections examinations, or to courses in the Colleges of Law and Veterinary Medicine. These schedules will be announced later.

MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and MWF sequences.

Classes meeting at:

Seven O'Clock	*Eight O'Clock*	*Nine O'Clock*	*Ten O'Clock*	*Eleven O'Clock*	*Twelve O'Clock*
Thurs., Jan. 20	Sat., Jan. 22	Tues., Jan. 25	Mon., Jan. 17	Tues., Jan. 18	Mon., Jan. 24
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

Classes meeting at:

Seven O'Clock	*Eight O'Clock*	*Nine O'Clock*	*Ten O'Clock*	*Eleven O'Clock*	*Twelve O'Clock*
Fri., Jan. 21	Fri., Jan. 21	Mon., Jan. 24	Wed., Jan. 19	Thurs., Jan. 20	Wed., Jan. 19
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

AFTERNOON CLASSES

(a) All courses meeting on the MWF sequence or a combination of the MWF and TTS sequences.

Classes meeting at:

One O'Clock	*Two O'Clock*	*Three O'Clock*	*Four O'Clock*	*Five O'Clock*	*After Five O'Clock*
Fri., Jan. 21	Tues., Jan. 25	Mon., Jan. 17	Sat., Jan 22	Fri., Jan. 21	Mon., Jan. 17
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

Classes meeting at:

One O'Clock	*Two O'Clock*	*Three O'Clock*	*Four O'Clock*	*Five O'Clock*	*After Five O'Clock*
Wed., Jan. 19	Tues., Jan. 18	Mon., Jan. 24	Thurs., Jan. 20	Wed., Jan. 19	Tues., Jan. 18
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

NOTE: If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. For example, a course regularly meeting 8:00 to 10:00 on TT or WTF must schedule the examination from 8:00 to 11:00 on Saturday, January 22, *not* Tuesday, January 25, 1972.

CALENDAR

First Semester 1971-1972

July 28, Wed. ..... Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1971.

Aug. 25, Wed. ..... Latest date for domestic students, or foreign students who have attended a college or university in the United States to apply for admission or readmission in September, 1971.

Sept. 6, Mon. ..... Labor Day (all-University holiday).

Sept. 7, Tues. (1:00 p.m.)-
Sept. 12, Sun. ..... New Student Program.

Sept. 8, Wed., 2:30-5:00 p.m. ..... Early registration (special permit required).

Sept. 9, Thurs., 8:00 a.m.-
Sept. 11, Sat., noon ..... Registration of graduate and undergraduate students.

Sept. 11, Sat., 8:00-12:00 noon ..... Registration of commuting teachers.

Sept. 13, Mon., 7:00 a.m. ..... Instruction begins.

Sept. 18, Sat. ..... Football (Illinois vs. University of North Carolina).

Sept. 23, Thurs., 5:00 p.m. ..... Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range.

Sept. 27, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Sept. 27, Mon., 5:00 p.m. ..... Last date for undergraduates to add a new course.

Oct. 2, Sat. ..... Football (Illinois vs. University of Washington).

Oct. 9, Sat. ..... Dad's Day (Illinois vs. Ohio State University).

Oct. 11, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Oct. 11, Mon. ..... Columbus Day (NOT a campus holiday).

Oct. 15, Fri. ..... October graduation date (no Commencement exercises).

Oct. 23, Sat. ..... Homecoming (Illinois vs. Purdue University).

Oct. 25, Mon. ..... Veteran's Day Observance (classes dismissed 10:45 to 11:15 a.m.). (Nonacademic holiday)

Oct. 30, Sat. ..... Football (Illinois vs. Northwestern University).

Nov. 1, Mon. ..... Earliest date for one-half credit if withdrawing for military service (seven weeks completed).

Nov. 4, Thurs., 5:00 p.m. ..... Midsemester grades due.

Nov. 5, Fri., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range.

Nov. 5, Fri., 5:00 p.m. ..... Last date for undergraduates to withdraw from a course without penalty.

Nov. 8, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Nov. 16, Tues.-Nov. 23, Tues. ..... Advance enrollment for Spring, 1972 (cont. students).

Nov. 20, Sat. ..... Football (Illinois vs. University of Iowa).

Nov. 24, Wed., 1:00 p.m. ..... Thanksgiving vacation begins.

Nov. 25, Thurs.-Nov. 26, Fri. ..... Thanksgiving (all-campus holidays).

Nov. 30, Tues., 1:00 p.m. ..... Thanksgiving vacation ends.

Dec. 3, Fri. ..... Illinois Day (State admitted to the Union, 1818).

Dec. 6, Mon. ..... Latest date for students currently enrolled to apply for student teaching assignment in fall or spring semester 1972-73.

Dec. 10, Fri. ..... Latest date to withdraw without petitioning for readmission.

Dec. 10, Fri. ..... Earliest date for full credit if withdrawing for military service (twelve weeks completed).

Dec. 13, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Dec. 18, Sat., 1:00 p.m. ..... Christmas vacation begins.

Dec. 24, Fri.-Dec. 25, Sat. ..... Christmas (all-campus holidays).

Dec. 31, Fri.-Jan. 1, Sat. ..... New Year (all-campus holidays).

Jan. 3, Mon., 1:00 p.m. ..... Christmas vacation ends.

Jan. 10, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Jan. 15, Sat. ..... Last day of instruction.

Jan. 17, Mon.-Jan. 25, Tues. ..... Semester examinations.

Feb. 7, Mon. ..... Lincoln's Birthday (NOT a campus holiday).

Feb. 14, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

Feb. 15, Tues. ..... February graduation date (no Commencement exercise).

Second Semester 1971-1972

Jan. 31, Mon.-Feb. 6, Sun.	New Student Program.
Feb. 2, Wed., 2:30-5:00 p.m.	Early registration (special permit required).
Feb. 3, Thurs., 8:00 a.m.-Feb. 5, Sat., noon	Registration of graduate and undergraduate students.
Feb. 5, Sat., 8:00 a.m.-12:00 noon	Registration of commuting teachers.
Feb. 7, Mon., 7:00 a.m.	Instruction begins.
Feb. 7, Mon.	Lincoln's Birthday (NOT a holiday).
Feb. 14, Mon., 3:10 p.m.	Meeting of Urbana-Champaign Senate.
Feb. 15, Tues.	Graduation date (no Commencement Exercises).
Feb. 17, Thurs., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range.
Feb. 21, Mon.	Last date to elect the Pass-Fail option (first two weeks of instruction).
Feb. 21, Mon., 5:00 p.m.	Last date for undergraduate students to add a new course.
Feb. 21, Mon.	Washington's Birthday (NOT a holiday).
March 2, Thurs.	University Day (University opened, 1868 — not a holiday).
March 13, Mon., 3:10 p.m.	Meeting of Urbana-Champaign Senate.
March 25, Sat., 1:00 p.m.	Spring vacation begins.
March 31, Fri.	Good Friday (all-campus holiday).
April 3, Mon., 1:00 p.m.	Spring vacation ends.
April 3, Mon., 5:00 p.m.	Earliest date for one-half credit if withdrawing for military service (seven weeks completed).
April 6, Thurs., 5:00 p.m.	Midsemester grades due.
April 10, Mon., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.
April 10, Mon., 5:00 p.m.	Latest date for undergraduate students to withdraw from a course without penalty.
April 10, Mon., 3:10 p.m.	Meeting of Urbana-Champaign Senate.
April 26, Wed.-May 3, Wed.	Advance enrollment for Fall, 1972 (cont. students).
May 5, Fri., 5:00 p.m.	Latest date to withdraw without petitioning for readmission.
May 5, Fri.	Honors Day (classes dismissed at noon).
May 5, Fri.-May 7, Sun.	Campus Mother's Day weekend.
May 8, Mon., 3:10 p.m.	Meeting of Urbana-Champaign Senate.
May 12, Fri.	Earliest date for full credit if withdrawing for military service (twelve weeks completed).
May 25, Thurs. and May 26, Fri.	Registration for 1972 summer session off-campus courses College of Law, and registration staff, including payment of tuition and fees.
May 27, Sat.	Last day of instruction.
May 29, Mon.	Memorial Day (all-campus holiday).
May 30, Tues.-June 7, Wed.	Semester examinations.
June 5, Mon., 3:10 p.m.	Meeting of Urbana-Champaign Senate.
June 10, Sat.	Commencement.

Eight-Week Summer Session 1972

May 25, Thurs. and May 26, Fri. ..... Registration for 1972 Summer Session off-campus courses, College of Law, and student registration staff, including payment of tuition and fees.

June 5, Mon., 3:10 p.m. ..... Meeting of Urbana-Champaign Senate.

June 5, Mon.-July 12, Wed. ..... First session Summer Law Program.

June 9, Fri., 5:00 p.m. ..... Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from *first* 5½-week Law session. (First five days.)

June 15, Thurs., 5:00 p.m. ..... Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from 11-week Law term. (First ten days.)

June 16, Fri., 8:00 a.m.-5:00 p.m. ..... Registration of undergraduate students.

June 16, Fri., 8:00 a.m.-5:00 p.m., and June 17, Sat., 8:00 a.m.-2:00 p.m. ..... Registration of graduate students.

June 19, Mon., 7:00 a.m. ..... Instruction begins.

June 19, Mon.-Aug. 2, Wed. ..... Advance enrollment (new and readmitted students).

June 21, Wed., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *first* 5½-week Law session. (First fifteen days.)

June 23, Fri. ..... Last date to elect Pass-Fail option. (First five days.)

June 26, Mon. ..... Last date for undergraduates to add a new course (first week).

June 26, Mon., 5:00 p.m. ..... Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)

July 4, Tues. ..... Independence Day (all-Campus holiday).

July 13, Thurs.-Aug. 19, Sat. ..... Second session Summer Law Program.

July 17, Mon. ..... Beginning of second four-week courses.

July 17, Mon., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from 11-week Law term. (First six weeks.)

July 17, Mon., 5:00 p.m. ..... Latest date for undergraduates to withdraw from a course without penalty. (First four weeks.)

July 17, Mon., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range in eight-week session. (First four weeks.)

July 18, Tues., 5:00 p.m. ..... Latest date for full refund of tuition and fees except non-refundable portion) if withdrawing from *second* 5½-week Law session. (First five days.)

July 18, Tues. ..... Earliest date for one-half credit if withdrawing from the University for military service (four weeks instruction completed), except College of Law.

July 21, Fri., 5:00 p.m. ..... Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from *second* four-week courses only. (First five days.)

July 27, Thurs. ..... Latest date to withdraw from the University without petitioning for readmission.

July 28, Fri., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *second* four-week courses only. (First two weeks.)

July 28, Fri., 5:00 p.m. ..... Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *second* 5½-week Law session. (First fifteen days.)

Aug. 1, Tues. ..... Earliest date for full credit if withdrawing from the University for military service (six weeks instruction completed), except College of Law.

Aug. 2, Wed. ..... Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1972.

Aug. 10, Thurs. ..... Last day of instruction in eight-week session.

Aug. 11, Fri.-Aug. 12, Sat. ..... Summer Session final examinations.

Aug. 14, Mon. ..... August graduation date (no Commencement Exercises).

Aug. 30, Wed. ..... Latest date for domestic students or foreign students who have attended a college or university in the United States to apply for admission or readmission in September, 1972.

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PROGRAM WORKSHEET

PRINT NAME	LAST	FIRST	MIDDLE	PRINT YOUR SOCIAL SECURITY NUMBER	PHONE	DATE

LOCAL ADDRESS	COLLEGE	CURRICULUM	APPROVED:

See instruction A, II, c, 1 and 2 on page 1 of Time Table.

SUBJECT	CRSE. NO.	CR.	CALL NUMBER	INSTR. TYPE	SCTN. DES.	M	TU	W	TH	F	S	MEETING PLACE

PROGRAM WORKSHEET

PRINT NAME LAST FIRST MIDDLE	PRINT YOUR SOCIAL SECURITY NUMBER	PHONE	DATE

LOCAL ADDRESS	COLLEGE	CURRICULUM	APPROVED:

SUBJECT	CRSE. NO.	CR.		CALL NUMBER	INSTR. TYPE	SCTN. DES.	M	TU	W	TH	F	S	MEETING PLACE
			See instruction A, II, c, 1 and 2 on page 1 of Time Table.										

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LOCAL ADDRESS	COLLEGE	CURRICULUM	APPROVED:

SUBJECT	CRSE. NO.	CR.		CALL NUMBER	INSTR. TYPE	SCTN. DES.	M	TU	W	TH	F	S	MEETING PLACE
			See instruction A, II, c, 1 and 2 on page 1 of Time Table.										

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TIME TABLE

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BULLETIN · UNIVERSITY OF ILLINOIS · URBANA DEPARTMENTS

SECOND SEMESTER 1971-1972

Supplement Information . . . . . Cover 2
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A supplement to the time table will be printed shortly before the semester begins. Students and staff using the time table after this date are advised to consult the supplement for possible changes. Copies are furnished to advisers and department offices.

UNIVERSITY OF ILLINOIS BULLETIN

Volume 69, Number 40; November 8, 1971. Published twelve times each month by the University of Illinois. Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Office of Publication, 114 Altgeld Hall, Urbana, Illinois 61801.

REGISTRATION INSTRUCTIONS

How to Prepare a Program Request

Please make certain that the Time Table you are using applies to the term for which you are requesting a program of courses. Use a Program Worksheet form to arrange, according to instructions in Item A below, your program of courses for the term. Submit your program request on a Number 2 Program Request Card, according to instructions in Item B below. The Program Worksheet form is printed on the back pages of this Time Table. Additional copies of this form and the Number 2 Program Request Card may be obtained from your major departmental office.

A. THE PROGRAM WORKSHEET

I. Before entering a course on your Program Worksheet, ascertain that you have satisfied all prerequisites and special requirements listed under the course heading in the Time Table.

II. Print legibly on your Program Worksheet each of the following items for every course you wish to include in your program request:

a. In the SUBJECT column, the name of the subject, *as abbreviated in the Time Table,* e.g., Rhet. (NOT English).

Do not confuse the "title" of the course (Freshman Rhetoric and Composition) with the subject (Rhet.) or with the name of the department offering the course (English).

b. In the CRSE. NO. column, the subject course number.

Note: *Authorization from the Graduate College must be obtained by the undergraduate student to enroll in a 300-level course for credit in graduate units or in a 400-level course for either graduate or undergraduate credit, and by the graduate student to enroll in a course for credit in undergraduate hours.*

c. In the CR column, the amount of credit in undergraduate hours or graduate units.

SPECIAL INSTRUCTIONS

1. An undergraduate student who is authorized to request a 300- or 400-level course for credit in graduate units must place a "U" in the column under the arrow.
2. A graduate student who is authorized by his adviser to request a course for credit in undergraduate hours must place an "H" in the column under the arrow.
3. Courses offered for variable amounts of credit (e.g., 0 to 4 units) must be shown at a permissible *specific* amount of credit (e.g., 2 units), not the credit range indicated in the Time Table.

d. In the CALL NUMBER column, the five digit call number listed in the Time Table. The five digit call numbers appear to the left of each section designation in the Time Table course listings. A call number may control one or more instructional type sections in a multiple section course. If you need more than one line on a worksheet to enter the instructional type designations and the meeting times and/or places controlled by one call number, *leave the call number column blank for the additional lines needed.*

e. In the INSTR. TYPE column, the official abbreviation (i.e., lect., lect.-disc., quiz, lab., etc.) of the instructional type for each entry. Some courses require that instructional type sections be taken in specific combinations, as indicated in the Time Table.

f. In the SCTN. DES. column, the section number or letter designation for each line entry.

g. In the weekday columns, the meeting times for each entry (e.g., 8 or 1-3).

h. In the MEETING PLACE column, the room number and building abbreviation where the class meets.

III. Obtain your adviser's approval for your program.

If your college permits self-advising, you do not need this approval.

IV. Retain the Program Worksheet for your files as your record of the requested program.

B. THE NUMBER 2 PROGRAM REQUEST CARD

I. Using ink, copy legibly (clear and distinctive characters, please) and without error the required course information from the heavily outlined box of your worksheet onto the appropriate (graduate or undergraduate) Number 2 Program Request Card (undergraduates, see note below).

Do not repeat a given call number on the Number 2 Program Request Card. Instead, in the screened column next to the call number, write the number of instructional section types (lect., disc., quiz, lab.) listed following each call number in the Time Table.

Note for Undergraduates: During registration (other than advance enrollment) do not enter call numbers on your Number 2 Program Request Card until you are assured of a place in the desired section (1) during residual and summer session registrations, by

means of having your name entered on the departmental tally sheet and obtaining a Number 5A Class Card for the appropriate courses and/or sections, and (2) during late registration, by means of the signature of the instructor or his representative on the Number 2 Program Request Card.

II. Count the lines on your Number 2 Program Request Card which contain call numbers and write the total in the box at the lower right. (See A, II, d, and B, I above.)

III. If not advance enrolled, determine the number of class cards you must obtain and submit with your Program Request Card during registration by adding the numbers you entered in the screened column on the Number 2 Program Request Card.

IV. To be valid, the Number 2 Program Request Card must be signed as required by your college.

V. Submit your Number 2 Program Request Card:

a. During advance enrollment,

1. To your adviser (major department, if self-advised — see A, III above), *if you are an undergraduate student.*

2. To your major department, *if you are a graduate student.*

b. During residual and summer session registrations,

1. At Station 9 in the Armory, with all your other registration cards, according to "Registration Instructions for Undergraduate (or Graduate) Students" available at your college office during registration.

2. Advance enrolled undergraduates must not submit a Number 2 Program Request Card during registration in the Armory.

c. During late registration, to the fee assessor in the Administration Building.

ORDER OF REGISTRATION

Second Semester, 1971-1972

Wednesday, February 2, through Saturday noon, February 5

GRADUATE STUDENTS

The Program Request Card and other preliminary registration materials for graduate students who have not advance enrolled may be obtained in advance of registration days at the office of the student's adviser, beginning Monday, January 31.

Authorization cards essential to complete registration will be distributed in the Lower Gymnasium, English Building, to *all* graduate students except those individually informed by special instructions that they must go elsewhere. Distribution will be made in accordance with the alphabetical schedule given below, ***but not before.***

UNDERGRADUATE AND PROFESSIONAL STUDENTS

Authorization cards to complete their registration will be distributed in the Armory for *all advance enrolled* undergraduate and professional students.

Unless individually informed by special instructions that they must go first to Room 69 Administration Building, authorization cards for *all non-advance enrolled* undergraduate and professional students will be distributed from the locations designated by the deans of the various colleges, as follows:

Agriculture
Home Economics and Home Economics Education.....268 Bevier Hall
All other curricula.....108 Mumford Hall

Aviation
All curricula.....Adviser's Table, Huff Gymnasium

Commerce and Business Administration
All curricula.....215a David Kinley Hall

Communications
All curricula.....119 Gregory Hall

Education
All curricula.....120 Education Building

Engineering
All curricula.....Northeast corner entrance, Huff Gymnasium

Fine and Applied Arts
All curricula.....114 Architecture Building

Law
All classes.....111 Law Building

Liberal Arts and Sciences
All curricula.....Lobby, Lincoln Hall Theatre

Physical Education
All curricula.....107 Huff Gymnasium

Veterinary Medicine
All classes.....137 Veterinary Medicine Building

Detailed registration instructions are distributed to graduate students at their departmental adviser's office and to undergraduate and professional students with their authorization card.

DISTRIBUTION SCHEDULE

The distribution schedule for all students is as follows:

EARLY REGISTRATION PERIOD (special permit required).....**Wednesday, February 2**

Student registration staff..... 2:30 p.m.
All others with Early Registration Permits..... 3:30 p.m.

REGULAR REGISTRATION **Thursday, February 3, 1972**

Fr through Grd..... 8:00 a.m.
Gre through Her..... 9:00 a.m.
Hes through Jog.....10:00 a.m.
Joh through Kou.....11:00 a.m.
Kov through Lor.....1:00 p.m.
Los through Meh..... 2:00 p.m.
Mei through Neu..... 3:00 p.m.
Nev through Ph..... 4:00 p.m.

Friday, February 4, 1972

Pi through Rog..... 8:00 a.m.
Roh through Sel..... 9:00 a.m.
Sem through Std.....10:00 a.m.
Ste through Tuk.....11:00 a.m.
Tul through Wh..... 1:00 p.m.
Wi through Z..... 2:00 p.m.
A through Bee..... 3:00 p.m.
Bef through Bro..... 4:00 p.m.

Saturday, February 5, 1972

Brp through Com..... 8:00 a.m.
Con through Dq..... 9:00 a.m.
Dr through Fq.....10:00 a.m.

Teachers wishing to register in evening or Saturday classes who are unable to be here at the hour designated will be permitted to register between 8:00 a.m. and noon on Saturday, February 5. The offices will *not* be open for registration on Saturday, February 12, or any subsequent Saturday.

Graduate and Undergraduate registrations are completed in the Armory through Saturday noon, February 5. Late registrations are completed in the Administration Building, Monday, February 7, and thereafter.

LATE REGISTRATION

The late registration fine of $15.00 will be assessed *all students* who complete registration after 12:00 noon, Saturday, February 5, 1972. No registration is considered complete until the fee card has been deposited with the Business Office cashier. This includes students exempt from tuition and/or fees.

LISTING OF COURSES

The following time table of courses offered by the University is subject to whatever changes may prove necessary at registration time. Notices of all changes in time or place of meeting of classes will be supplied to advisers for checking program cards during registration.

Arrangement

The arrangement of subjects in this time table is alphabetical. The courses offered in each subject are listed numerically with headings to indicate the students for whom they are designed. Courses for undergraduates (designed for freshmen and sophomores) are numbered 100 to 199; for advanced undergraduates (designed for juniors and seniors), 200 to 299; for advanced undergraduates and graduates (junior, senior, or graduate standing required), 300 to 399; for graduates, 400 to 599. Following the title of each course is a statement of the requirements, if any, for admission to the course.

Special sections intended for Honors Students are included in the departmental listings and are designated by the ampersand symbol (&).

Classification of undergraduate students for registration purposes is based on the following scale, including physical education and military credit: freshman standing, 0 to 29 hours; sophomore standing, 30 to 59 hours; junior standing, 60 to 89 hours; senior standing, 90 or more hours.

Class periods for each course are indicated by numerals for the hours of the day and by letters for the days of the week. For example, "8-10 MWF" indicates that the class period begins at 8:00 a.m. and continues for two hours on Monday, Wednesday, and Friday; while "11 TTS" means that the class period begins at 11:00 a.m. and continues for fifty minutes on Tuesday, Thursday, and Saturday. The place of meeting of each class is shown by the number of the room and the name of the building.

Credit

Credit for undergraduate students is counted in semester hours. An hour is one class period a week for one semester or the equivalent in laboratory or field work or approved independent study. The number of hours for which each course counts is shown under each course.

Credit for graduate students is counted in units. A unit course requires ten hours of time each week through the semester, irrespective of the distribution of that time in classwork, laboratory or field work, and private study. Four such courses or their equivalent constitute a student's normal program for one semester. The unit values of graduate courses are indicated under each of these courses. No course may be taken for graduate credit unless it is so designated in this Time Table of courses offered. In general, one graduate unit is the equivalent of four semester hours of undergraduate credit.

Some courses have variable credit, as 3 to 5 hours or ½ to 2 units, and in registering for a course with variable credit each student puts on his program card the number of hours or units for which he intends to take the course.

Approval of the Graduate College must be obtained for all registrations of undergraduate students in 400 courses for either semester hour or unit credit, or in 300 courses for unit credit.

Buildings

University buildings are designated by the following abbreviations:

Admin.....Administration Building
Adv Comp....Advanced Computation Building
Aero Lab. Aeronautical Engineering Laboratory
Agr Eng...Agricultural Engineering Building
AH.....Altgeld Hall
An Gen.....Animal Genetics Building
Arch.....Architecture Building
ASL.....Animal Sciences Laboratory
Bev Hall.....Bevier Hall
BRL.....Burnsides Research Laboratory
Bur Hall.....Burrill Hall
CA.....Chemistry Annex
CD.....Child Development Laboratory
CEB.....Civil Engineering Building
Cer.....Ceramics Building
Col Wolfe.....Colonel Wolfe School
Com W.....Commerce and Business Administration Building (West)
CRC.....Children's Research Center
CSL.....Coordinated Science and Aerospace Laboratory
DCL.....Digital Computer Laboratory
DH.....Davenport Hall
DKH.....David Kinley Hall
DMB.....Dairy Manufactures Building
EB.....English Building
EC.....East Chemistry Building
Educ.....Education Building
EEB.....Electrical Engineering Building
EH.....Engineering Hall
EPGB....Educational Projects and Guidance Building
ERL.....Engineering Research Laboratory
FAB.....Fine and Applied Arts Building
FLB.....Foreign Languages Building
Flor.....Floriculture Building
Freer Gym.....Freer Gymnasium
GH.....Gregory Hall
HA.....Hill Annex
HFL.....Horticulture Field Laboratory
HG.....Huff Gymnasium
HH.....Harker Hall
IH.....Illini Hall
IMPE.....Intramural-Physical Education Building
IU.....Illini Union
KM.....Krannert Art Museum
Kran Perf.....Krannert Center for the Performing Arts
LH.....Lincoln Hall
Lib.....Library
LIR...Labor and Industrial Relations Building
MEB.....Mechanical Engineering Building
MEL.....Mechanical Engineering Laboratory
MH.....Mumford Hall
MMB.....Metallurgy and Mining Building
MOG.....Men's Old Gymnasium
Mor Hall.....Morrill Hall
Mum House.....Mumford House

NEL.....Nuclear Engineering Laboratory
NHB.....Natural History Building
NL.....Noyes Laboratory of Chemistry
Nuc Reac Lab....Nuclear Reactor Laboratory
Observ.....Observatory
PA.....Practice Annex
PB.....Physics Building
Psych Bld.....Psychology Building
Rehab Center . Rehabilitation-Education Center
SA.....String Annex
SH .....Stiven House
SMH.....Smith Music Hall
SP.....Stock Judging Pavilion
Sp Clinic.....Speech Clinic
Stu Sv.....Student Services Building
Surv Bldg.....Surveying Building
TA.....Theory Annex
TB.....Transportation Building
TH.....Turner Hall
TL.....Talbot Laboratory
TV Bldg.....Television Building
UHS.....University High School
VCLA.....Veterinary Clinic, Large Animal
VCSA.....Veterinary Clinic, Small Animal
Veg Crops.....Vegetable Crops Building
VM.....Veterinary Medicine Building
VMACH.....Veterinary Medicine Animal Clinics and Hospital

DEPARTMENT OFFICE 360 COM W

ACCY 101 PRINCIPLES OF ACCOUNTING I.
3 HOURS.

00001	LECT-DISC	A	8	M	W	F	322	D K H
00002	LECT-DISC	B	9	M	W	F	322	D K H
00003	LECT-DISC	C1	10	M	W	F	322	D K H
00004	LECT-DISC	C2	10	M	W	F	36	COM W
00005	LECT-DISC	D	11	M	W	F	322	D K H
00006	LECT-DISC	X1	12	M	W	F	30	COM W
00007	LECT-DISC	X2	12	M	W	F	36	COM W
00008	LECT-DISC	E	1	M	W	F	322	D K H
00009	LECT-DISC	L	8-930	TU TH			24	COM W
00010	LECT-DISC	N1	10-1130	TU TH			24	COM W
00011	LECT-DISC	N2	10-1130	TU TH			322	D K H
00012	LECT-DISC	Q1	1230-2	TU TH			24	COM W
00013	LECT-DISC	Q2	1230-2	TU TH			322	D K H

ACCY 105 PRINCIPLES OF ACCOUNTING II.
PREREQUISITE: ACCY. 101.
3 HOURS.
*SECTION &C1 IS OPEN TO JAMES SCHOLARS AND OTHER HONOR STUDENTS.
*SECTION M1 IS DESIGNED FOR STUDENTS WHO MAY REQUIRE SPECIAL ASSISTANCE. IT IS OPEN TO SEOP STUDENTS AND TO OTHERS ON A SPACE AVAILABLE BASIS. ASK YOUR ADVISER TO CHECK WITH THE DEPARTMENT OF ACCOUNTANCY FOR AVAILABILITY OF SPACE BEFORE REGISTERING FOR THIS SECTION.

00014	LECT-DISC	A	8	M	W	F	115	D K H
00015	LECT-DISC	B1	9	M	W	F	115	D K H
00035	LECT-DISC	*&C1	10	M	W	F	115	D K H
00016	LECT-DISC	C2	10	M	W	F	215	D K H
00017	LECT-DISC	D1	11	M	W	F	115	D K H
00018	LECT-DISC	D2	11	M	W	F	215	D K H
00019	LECT-DISC	X1	12	M	W	F	115	D K H
00020	LECT-DISC	X2	12	M	W	F	240	COM W
00021	LECT-DISC	E1	1	M	W	F	115	D K H
00022	LECT-DISC	E2	1	M	W	F	215	D K H
00023	LECT-DISC	F1	2	M	W	F	115	D K H
00024	LECT-DISC	F2	2	M	W	F	215	D K H
00025	LECT-DISC	G1	3	M	W	F	115	D K H
00026	LECT-DISC	G2	3	M	W	F	215	D K H
00027	LECT-DISC	L1	8-930	TU TH			115	D K H
00028	LECT-DISC	L2	8-930	TU TH			215	D K H
00036	LECT-DISC	*M1	930-11	TU TH			115	D K H
00029	LECT-DISC	M2	930-11	TU TH			215	D K H
00030	LECT-DISC	P1	11-1230	TU TH			115	D K H
00031	LECT-DISC	P2	11-1230	TU TH			215	D K H
00032	LECT-DISC	Q1	1230-2	TU TH			115	D K H
00033	LECT-DISC	Q2	1230-2	TU TH			215	D K H
00034	LECT-DISC	S	2-330	TU TH			115	D K H

ACCY 108 INTERMEDIATE ACCOUNTING.
PREREQUISITE: ONE YEAR OF ACCOUNTANCY. SOPHOMORE STANDING.
3 HOURS.

00037	LECT-DISC	L1	8-930	TU TH			30	COM W
00038	LECT-DISC	L2	8-930	TU TH			152	COM W
00039	LECT-DISC	M	930-11	TU TH			30	COM W
00040	LECT-DISC	P	11-1230	TU TH			152	COM W
00041	LECT-DISC	Q	1230-2	TU TH			30	COM W

ACCY 166 COST ACCOUNTING.
PREREQUISITE: ACCY. 105.
3 HOURS.

00042	LECT-DISC	A1	8	M	W	F	24	COM W
00043	LECT-DISC	A2	8	M	W	F	30	COM W
00044	LECT-DISC	B	9	M	W	F	24	COM W
00045	LECT-DISC	C1	10	M	W	F	24	COM W
00046	LECT-DISC	D	11	M	W	F	24	COM W
00047	LECT-DISC	X	12	M	W	F	24	COM W
00048	LECT-DISC	E	1	M	W	F	30	COM W
00049	LECT-DISC	F	2	M	W	F	30	COM W

ACCY 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00050	CONF		ARR					

ACCY 201 FUNDAMENTALS OF ACCOUNTING.
FOR NON-COMMERCE STUDENTS ONLY.
3 HOURS.

00051	LECT-DISC	A	8	M	W	F	108	D K H
00052	LECT-DISC	B	9	M	W	F	108	D K H
00053	LECT-DISC	C	10	M	W	F	108	D K H
00054	LECT-DISC	D	11	M	W	F	108	D K H
00055	LECT-DISC	X1	12	M	W	F	108	D K H
00056	LECT-DISC	X2	12	M	W	F	215	D K H
00057	LECT-DISC	E	1	M	W	F	108	D K H
00058	LECT-DISC	F1	2	M	W	F	108	D K H
00059	LECT-DISC	F2	2	M	W	F	322	D K H
00060	LECT-DISC	L	8-930	TU TH			108	D K H
00061	LECT-DISC	M	930-11	TU TH			108	D K H
00062	LECT-DISC	P	11-1230	TU TH			108	D K H

ACCY 203 BUSINESS AND ACCOUNTING METHODS.
NOT OPEN TO COMMERCE STUDENTS.
PREREQUISITE: JUNIOR STANDING.
2 HOURS.
*SECTION A OPEN TO VETERINARY MEDICINE STUDENTS ONLY.

00063	LECT-DISC	A	8	M		F	253	V M
00064	LECT-DISC	D	11	M		F	30	COM W

ACCY 206 COST ACCOUNTING FOR ENGINEERS.
NOT OPEN TO STUDENTS WHO HAVE RECEIVED CREDIT IN ACCY. 101 OR
ACCY. 201.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 HOURS.

00065	LECT-DISC	D	11	M	W	F	319	M E L

ACCY 221 CURRENT ACCOUNTING TOPICS.
PREREQUISITE: ACCY. 308.
2 HOURS.

00066	LECT-DISC	S	2-4	TU			24	COM W

ACCY 274 BASIC FEDERAL INCOME TAX ACCOUNTING.
PREREQUISITE: ACCY. 105.
3 HOURS.

00067	LECT	C	10	M	W		240	COM W
00068	LECT	D	11	M	W		240	COM W
00069	LECT-DISC	P	11	TU TH			30	COM W
00070	LECT-DISC	Q	12	TU TH			36	COM W
00071	LECT-DISC	R	1	TU TH			36	COM W
00072	LECT-DISC	S	2	TU TH			215	D K H
00073	LECT-DISC	T	3	TU TH			215	D K H

ACCY 295 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN
THE JUNIOR YEAR. SENIOR STANDING.
2 TO 4 HOURS.

00074	CONF		ARR					

ACCY 308 ADVANCED ACCOUNTING.
PREREQUISITE: ACCY. 166 AND 108, AVERAGE OF "C" OR
BETTER IN PRECEDING COURSES IN ACCOUNTANCY.
3 HOURS OR 3/4 UNIT.

00075	LECT-DISC	A	8	M	W	F	152	COM W
00076	LECT-DISC	B	9	M	W	F	152	COM W
00077	LECT-DISC	F1	1	M	W	F	36	COM W
00078	LECT-DISC	E2	1	M	W	F	224	D K H
00079	LECT-DISC	F	2	M	W	F	36	COM W

ACCY 325 ACCOUNTING SYSTEM DESIGN.
PREREQUISITE: C. S. 105. OR ITS EQUIVALENT, AND ACCY. 166.
3 HOURS OR 3/4 UNIT.

00080	LECT-DISC	A	8	M	W	F	215	D K H
00081	LECT-DISC	B	9	M	W	F	215	D K H

ACCY 341 GOVERNMENTAL ACCOUNTING.
PREREQUISITE: ACCY. 108.
2 HOURS OR 1/2 UNIT.

00082	LECT-DISC	N	10	TU TH	152	COM W

ACCY 362 BUSINESS BUDGETS AND ACCOUNTING CONTROL.
PREREQUISITE: NINE HOURS OF ACCOUNTANCY, INCLUDING ACCY. 166.
3 HOURS OR 3/4 UNIT.

00083	LECT-DISC	B	9	M W F	30	COM W

ACCY 367 MANAGERIAL ACCOUNTING AND ORGANIZATIONAL CONTROLS.
PREREQUISITE: ACCY. 166 AND SENIOR STANDING.
3 HOURS OR 3/4 UNIT.

00084	LECT-DISC	C	10	M W F	30	COM W

ACCY 371 AUDITING.
PREREQUISITE: ACCY. 308.
3 HOURS OR 3/4 UNIT.

00085	LECT-DISC	C	10	M W F	152	COM W
00086	LECT-DISC	D	11	M W F	152	COM W
00087	LECT-DISC	L	8-930	TU TH	240	COM W
00088	LECT-DISC	N	10-1130	TU TH	240	COM W

ACCY 372 AUDITING PROBLEMS AND CASES.
PREREQUISITE: ACCY. 371.
3 HOURS OR 3/4 UNIT.

00089	LECT-DISC	L	8-930	TU TH	36	COM W
00090	LECT-DISC	N	10-1130	TU TH	36	COM W
00091	LECT-DISC	S	2-330	TU TH	36	COM W

ACCY 374 ADVANCED INCOME TAX PROBLEMS.
PREREQUISITE: SENIOR STANDING, ACCY. 274 AND 308.
3 HOURS OR 3/4 UNIT.

00092	LECT-DISC	A	8	M W F	36	COM W
00093	LECT-DISC	B	9	M W F	36	COM W
00094	LECT-DISC	D	11	M W F	36	COM W

ACCY 377 ADVANCED PROBLEMS.
PREREQUISITE: SENIOR STANDING, CREDIT OR REGISTRATION IN ACCY. 371.
3 HOURS OR 1 UNIT.

00095	LECT-DISC	E	1	M W F	240	COM W

ACCY 378 ADVANCED THEORY AND PRACTICE.
PREREQUISITE: ACCY. 377.
3 HOURS OR 1 UNIT.

00096	LECT-DISC	A	8-10	M W	240	COM W
00097	LECT-DISC	F	2-4	M W	240	COM W
00098	LECT-DISC	S	2-4	TU TH	240	COM W

ACCY 455 MACRO-ACCOUNTING.
SAME AS ECON. 425.
PREREQUISITE: INTERMEDIATE MACRO-ECONOMIC THEORY OR CONSENT OF INSTRUCTOR.
1 UNIT.

00099	LECT-DISC		3-5	TH	152	COM W

ACCY 461 ADMINISTRATIVE ACCOUNTING.
1 UNIT.

00100	LECT-DISC		1-3	M	8	COM W

ACCY 462 MANAGEMENT ACCOUNTING.
PREREQUISITE: AN UNDERGRADUATE COURSE IN MANAGEMENT ACCOUNTING. THE STUDENT'S BACKGROUND IN STATISTICS AND MATHEMATICS SHOULD BE EQUIVALENT TO THE UNDERGRADUATE REQUIREMENTS OF THE U OF I COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION IN THESE AREAS.
1 UNIT.

00101	LECT-DISC		3-5	TU	152	COM W

ACCY 472 AUDITING STANDARDS AND TECHNIQUES.
1 UNIT.

00102	LECT-DISC		1-3	M	152	COM W

ACCY 474 INCOME TAX DEVELOPMENT.
1 UNIT.

00103	LECT-DISC	1-3	F	152	COM	W

ACCY 481 CONCEPTS AND PRINCIPLES.
1 UNIT.

00104	LECT-DISC	3-5	TU	8	COM	W

ACCY 483 INCOME DETERMINATION.
1 UNIT.

00105	LECT-DISC	3-5	M	152	COM	W

ACCY 485 RELATIONSHIP OF ACCOUNTING THEORY TO PHILOSOPHY, SCIENCE, AND OTHER DISCIPLINES.
1 UNIT.

00106	LECT-DISC	3-5	TH	8	COM	W

ACCY 493 SPECIAL RESEARCH PROBLEMS.
1/4 TO 2 UNITS.

00107	LECT-DISC	1-3	W	152	COM	W

ACCY 499 THESIS RESEARCH.
0 TO 4 UNITS.

00108	DISC	4-6	W	240	COM	W

ACCY 502 ACCOUNTING ANALYSIS, II.
PREREQUISITE: ACCY. 501 OR EQUIVALENT.
3/4 UNIT.

00109	LECT-DISC	1-3	M W	24	COM	W

ACCY 504 TAXATION AND AUDITING.
PREREQUISITE: ACCY. 501 AND 503, OR EQUIVALENT.
1 UNIT.

00110	LECT-DISC	1-3	TU TH	8	COM	W

ACCY 594 METHODS AND PRACTICES IN PROFESSIONAL RESEARCH.
PREREQUISITE: CANDIDACY FOR M.A.S. DEGREE.
1 UNIT.

00111	LECT-DISC	1-3	W	8	COM	W

ADVERTISING

DEPARTMENT OFFICE 103 G H

ADV 281 INTRODUCTION TO ADVERTISING.
3 HOURS.

00112	LECT-DISC	A	8	M W F	43	G H
00113	LECT-DISC	B	9	M W F	215	G H
00114	LECT-DISC	C	10	M W F	221	G H
00115	LECT-DISC	D	11	M W F	43	G H
00116	LECT-DISC	E	1	M W F	43	G H
00117	LECT-DISC	F	2	M W F	221	G H
00118	LECT-DISC	G	3	M W F	43	G H
00119	LECT-DISC	L	830-10	TU TH	215	G H
00120	LECT-DISC	P	11-1230	TU TH	215	G H

ADV 288 SALES WRITING.
SAME AS RHET. 271.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
2 HOURS.

00121	LECT-DISC	C	10	M W	326	D K H
00122	LECT-DISC	M	9	TU TH	326	D K H
00123	LECT-DISC	P	11	TU TH	326	D K H
00124	LECT-DISC	Q	11	W F	326	D K H
00125	LECT-DISC	R	1	TU TH	326	D K H

ADV 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS.

00126	CONF		ARR							STAFF

ADV 309 PUBLIC RELATIONS.
PREREQUISITE: SENIOR STANDING IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00127	LECT-DISC		1	M	W	F	215	G	H	UNWIN

ADV 381 ADVERTISING RESEARCH METHODS.
PREREQUISITE: ADV. 281, A BASIC COURSE IN STATISTICAL METHODS, AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00128	LECT-DISC	A	8	M	W	F	215	G	H	NIELSEN
00129	LECT-DISC	C	10	M	W	F	215	G	H	NIELSEN

ADV 382 ADVERTISING CREATIVE STRATEGY.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00130	LECT	C	10	M	W		223	G	H	WHITE
	LAB	C	1-3	M			18	G	H	
00131	LECT	C1	10	M	W		223	G	H	
	LAB	C1	3-5		W		18	G	H	
00132	LECT	C2	10	M	W		223	G	H	
	LAB	C2	9-11			F	18	G	H	
00133	LECT	M	10		TU	TH	43	G	H	KITSON
	LAB	M	3-5		TU		18	G	H	
00134	LECT	M1	10		TU	TH	43	G	H	
	LAB	M1	1-3			W	18	G	H	

ADV 383 ADVERTISING MEDIA POLICY AND STRATEGY.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00135	LECT-DISC	B	9	M	W	F	113	G	H	BARBAN
00136	LECT-DISC	D	11	M	W	F	113	G	H	BARBAN

ADV 384 ADVERTISING CAMPAIGNS.
PREREQUISITE: ADV. 382, AND 383 AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00137	LECT-DISC	A	8	M	W	F	18	G	H	KITSON
00138	LECT-DISC	D	11	M	W	F	18	G	H	KITSON

ADV 387 ADVERTISING AND PROMOTION MANAGEMENT.
PREREQUISITE: ADV. 281 AND CONSENT OF THE DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00139	LECT-DISC	A	8	M	W	F	113	G	H	WEDDING
00140	LECT-DISC	C	10	M	W	F	43	G	H	WEDDING

ADV 388 ADVERTISING IN CONTEMPORARY SOCIETY.
PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
*GRADUATE STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH ADV. 388 AND 481.
*2 HOURS OR 1/2 UNIT.

00141	LECT-DISC	M	9		TU	TH	123	G	H	ROTZOLL
00142	LECT-DISC	O	11		TU	TH	18	G	H	ROTZOLL
00143	LECT-DISC	R	12		TU	TH	123	G	H	UNWIN

ADV 389 INTERNATIONAL ADVERTISING AND PROMOTION.
PREREQUISITE: ADV. 281, SENIOR STANDING, AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

00144	LECT-DISC	B	9	M	W	F	43	G	H	UNWIN

ADV 390 ADVANCED CREATIVE STRATEGY.
PREREQUISITE: ADV. 382 AND CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

00145	LECT-DISC		9-11		TU	TH	18	G	H	WHITE

ADV 481 ECONOMIC AND SOCIAL ASPECTS OF ADVERTISING.
SAME AS COMM. 481.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
*STUDENTS MAY NOT RECEIVE GRADUATE CREDIT FOR BOTH ADV. 388 AND 481.
*1 UNIT.

00146	LECT-DISC	3-5	W	123	G	H	WEDDING

ADV 482 RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.
SAME AS COMM. 482.
PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS AND CONSENT OF THE DEPARTMENT.
1 UNIT.

00147	LECT-DISC	3-5	TU	123	G	H	DUNN

ADV 484 ADVERTISING AND CONSUMER BEHAVIOR.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
1 UNIT.

00148	LECT-DISC	1-3	TU	18	G	H	BARBAN

ADV 485 ADVERTISING PLANNING AND DECISION MAKING.
1 UNIT.

00149	LECT-DISC	3-5	TH	18	G	H	NIELSEN

ADV 490 SPECIAL TOPICS IN ADVERTISING.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT.

00150	CONF	ARR					STAFF
	LECT-DISC	3-5	M	18	G	H	ROTZOLL

ADV 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN ADVERTISING.
1 OR 2 UNITS.

00151	CONF	ARR					STAFF

AERONAUTICAL AND ASTRONAUTICAL ENGINEERING

DEPARTMENT OFFICE 101 T 8

A A E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00152	CONF	A	ARR				

A A E 212 AERODYNAMICS. I.
PREREQUISITE: M. E. 207. T. A. M. 156. CREDIT OR REGISTRATION IN MATH. 343.
4 HOURS.

00153	LECT-DISC	A	9	MTUW	F	214	CER

A A E 213 AERODYNAMICS. II.
PREREQUISITE: A. A. E. 212.
4 HOURS.

00154	LECT-DISC	A	9	MTUW	F	103	T B

A A E 224 FLIGHT STRUCTURES. I.
PREREQUISITE: T. A. M. 156 AND MATH. 345.
4 HOURS.

00155	LECT-DISC	A	1	MTUW	F	103	T B

A A E 225 FLIGHT STRUCTURES. II.
PREREQUISITE: A. A. E. 224.
4 HOURS.

00156	LECT-DISC	A	2	MTUW	F	103	T B

A A E 233 AIRCRAFT PROPULSION.
PREREQUISITE: A. A. E. 212.
3 HOURS.

00157	LECT-DISC	A	8	M W	F	103	T B

A A E 241 FLIGHT VEHICLE DESIGN.
PREREQUISITE: A. A. E. 213, 225, 233, 255, C. S. 101.
3 HOURS.

00158	LECT-DISC	A	1-2	TU TH	204	T B		KRAUS
		A	10-12	S	103	T B		
00159	LECT-DISC	B	1-2	TU TH	202	T B		WALTERS
		B	10-12	S	203	T B		

A A E 254 AEROSPACE DYNAMIC SYSTEMS, I.
PREREQUISITE: MATH. 345 OR 349.
3 HOURS.

00160	LECT-DISC	A	10	M W F	103	T B		

A A E 255 AEROSPACE DYNAMIC SYSTEMS, II.
PREREQUISITE: A. A. E. 254.
4 HOURS.

00161	LECT-DISC	A	10	MTUW F	204	T B		

A A E 260 AEROSPACE LABORATORY, I.
PREREQUISITE: A. A. E. 213, 225, 233 AND 255.
2 HOURS.

00162	LECT-DISC	L1	9	TH	103	T B		
	LAB	L1	3-5	M	111	AERO LAB		
00163	LECT-DISC	L2	9	TH	103	T B		
	LAB	L2	3-5	TU	111	AERO LAB		
00164	LECT-DISC	L3	9	TH	103	T B		
	LAB	L3	3-5	TH	111	AERO LAB		
00165	LECT-DISC	L4	9	TH	204	T B		
	LAB	L4	3-5	M	111	AERO LAB		
00166	LECT-DISC	L5	9	TH	204	T B		
	LAB	L5	3-5	TU	111	AERO LAB		
00167	LECT-DISC	L6	9	TH	204	T B		
	LAB	L6	3-5	TH	111	AERO LAB		

A A E 263 AEROSPACE LABORATORY, II.
PREREQUISITE: A. A. E. 260.
2 HOURS.

00168	LAB	A	ARR					

A A E 292 SEMINAR.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

00169	DISC	A	8	TH	103	T B		
00170	DISC	B	10	TH	204	T B		
00171	DISC	C	11	TH	204	T B		

A A E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING: CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

00172	CONF	&A	ARR					

A A E 297 HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING: CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

00173	CONF	&A	ARR					

A A E 313 AERODYNAMICS OF INCOMPRESSIBLE FLUIDS.
PREREQUISITE: A. A. E. 213 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

00174	LECT-DISC	A	8	M W F	203	T B		KRIER

A A E 314 AERODYNAMIC HEAT TRANSFER.
PREREQUISITE: A. A. E. 213.
3 HOURS, OR 3/4 OR 1 UNIT.

00175	LECT-DISC	A	3-430	TU TH	103	T B		VAN TASSELL

A A E 327 THERMAL STRESSES AND CREEP BUCKLING.
PREREQUISITE: A. A. E. 326 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00176	LECT-DISC	A	11	M W F	103	T B		ZAK

A A E 333 ELECTRIC PROPULSION.
3 HOURS OR 1 UNIT.

00177	LECT-DISC	A	9	M W F	204	T B		BOND

A A E 391 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING. CONSENT OF INSTRUCTOR.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

00178	LECT-DISC	A	ARR						
00179	LAB	B	ARR						
00180	LECT-DISC	C	3	M W F	103	T B			SIVIER
00181	LECT-DISC	D	2	M W F	202	T B			STREHLOW
00182	LECT-DISC	E	10-1130	TU TH	103	T B			PRUSSING

A A E 415 WING THEORY.
PREREQUISITE: MATH 346 OR EQUIVALENT.
1 UNIT.

00183	LECT-DISC	A	9-1030	M W	203	T B			ORMSBEE

A A E 416 HYPERSONIC AERODYNAMICS.
PREREQUISITE: A. A. E. 411.
1 UNIT.

00184	LECT-DISC	A	11-1215	M W	203	T B			ORMSBEE

A A E 418 THEORY OF RAREFIED GAS FLOWS.
PREREQUISITE: PHYCS. 362 OR A. A. E. 417.
1 UNIT.

00185	LECT-DISC	A	1	M W F	202	T B			YEN

A A E 429 THEORY OF LINEAR AND NONLINEAR VISCOELASTICITY.
PREREQUISITE: A. A. E. 326 OR CONSENT OF INSTRUCTOR.
1 UNIT.

00186	LECT-DISC	A	8	M W F	204	T B			HILTON

A A E 434 AERODYNAMIC HEATING.
PREREQUISITE: A. A. E. 414 OR EQUIVALENT.
1 UNIT.

00187	LECT-DISC	A	3	M W F	202	T B			YEN

A A E 453 STOCHASTIC PROCESSES IN ENGINEERING.
SAME AS E. E. 438 AND T. A. M. 418.
PREREQUISITE: A. A. E. 452. E. E. 434. T. A .M. 417. OR EQUIVALENT.
1 UNIT.

00188	LECT-DISC	A	10-1130	TU TH	203	T B			LIN

A A E 490 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN AERONAUTICAL AND ASTRONAUTICAL ENGINEERING.
0 CREDIT.

00189	CONF	A	4	F	103	T B			

A A E 493 SPECIAL PROBLEMS.
1 OR 2 UNITS.

00190	LECT-DISC	A	ARR						
00191	LAB	B	ARR						
00192	LECT-DISC	C	2	M W F	214	CER			KARR
00193	LECT-DISC	D	1-230	TU TH	214	CER			SIVIER

A A E 499 THESIS RESEARCH.
0 TO 4 UNITS.

00194	CONF		ARR						STAFF

AGRICULTURAL ECONOMICS

DEPARTMENT OFFICE 305 M H

AG EC 100 INTRODUCTORY AGRICULTURAL ECONOMICS.
3 HOURS.

00195	LECT-DISC	B1	9	M	W	F	320	M H	
00196	LECT-DISC	B2	9	M	W	F	316N	M H	
00197	LECT-DISC	C	10	M	W	F	320	M H	

AG EC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A: AGRICULTURAL POLICY DEBATE. 3 HOURS.
SECTION B: AGRICULTURAL TRADE AND TRADE POLICIES. 3 HOURS.
SECTION S: AGRICULTURAL BUSINESS ACCOUNTING AND ORGANIZATION.
2 HOURS.

00198	CONF	A	ARR						SMITH
00200	LECT-DISC	B	9	M	W	F	405	M H	SCHMIDT
00199	CONF	S	2		TU TH		316N	M H	MUELLER AND KRAUSZ

AG EC 200 PROBLEMS IN AGRICULTURAL ECONOMICS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS.
WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
*SECTION A: AGRICULTURAL MARKETING AND PRICES.
*SECTION B: STATISTICAL ANALYSIS.
*SECTION C: FARM MANAGEMENT AND LAND ECONOMICS.
*SECTION D: RURAL ORGANIZATION.
SECTION E: AGRICULTURAL LAW.
SECTION F: AGRICULTURAL POLICY AND ECONOMIC DEVELOPMENT.
SECTION G: AGRICULTURAL FINANCE.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

00201	CONF	*A	ARR						STAFF
00202	CONF	*B	ARR						STAFF
00203	CONF	*C	ARR						STAFF
00204	CONF	*D	ARR						STAFF
00206	CONF	F	ARR						STAFF
00207	CONF	F	ARR						STAFF
00208	CONF	G	ARR						STAFF
00205	CONF	*&B	ARR						STAFF

AG EC 203 FARM TAXATION.
2 HOURS.

00209	LECT-DISC	M	9		TU TH		242	BEV HALL	BOCK
00210	LECT-DISC	N	10		TU TH		242	BEV HALL	KRAUSZ

AG EC 220 FARM MANAGEMENT.
PREREQUISITE: AG. EC. 100 OR ECON. 108.
FIELD TRIPS. ESTIMATED EXPENSE. $3.
3 HOURS.

00211	LECT-DISC	A	8	M	W	F	316S	M H	KARR
00212	LECT-DISC	B	9	M	W	F	316S	M H	HERBST
00213	LECT-DISC	C	10	M	W	F	316S	M H	KARR
00214	LECT-DISC	D	11	M	W	F	320	M H	HERBST

AG EC 230 MARKETING OF AGRICULTURAL PRODUCTS.
FIELD TRIP. ESTIMATER EXPENSE. $3.
3 HOURS.

00215	LECT-DISC	F	2	M	W	F	313	M H	LEUTHOLD
00216	LECT-DISC	G	3	M	W	F	313	M H	LEUTHOLD

AG EC 302 FINANCING AGRICULTURE.
PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS. OR 3/4 OR 1 UNIT.

00217	LECT-DISC	C	10	M	W	F	N107	T H	HOLCOMB

AG EC 303 AGRICULTURAL LAW.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

00218	LECT-DISC	D	11	M	W	F	W115	T H		KRAUSZ
00219	LECT-DISC	E	1	M	W	F	144	BEV HALL		BOCK

AG EC 305 AGRICULTURAL POLICIES AND PROGRAMS.
PREREQUISITE: ECON. 108.
FIELD TRIP. COST. $10.00.
3 HOURS. OR 3/4 OR 1 UNIT.

00220	LECT-DISC	P	11		TU		316S	M H		SPITZE
		P	10-12			TH	316S	M H		SPITZE

AG EC 312 FARM APPRAISALS.
SAME AS AGRON. 312.
PREREQUISITE: AGRON. 101. AG. EC. 220 OR THEIR EQUIVALENT.
FIELD TRIPS. ESTIMATED EXPENSE. $10.00.
5 HOURS. OR 3/4 OR 1 UNIT.

00221	LECT-DISC	B	9	M	W	F	313	M H		REISS
		B	8-12			S	313	M H		REISS

AG EC 324 FARM OPERATION.
PREREQUISITE: AG. EC. 220.
FIELD TRIPS. ESTIMATED EXPENSE. $5.
3 HOURS. OR 3/4 OR 1 UNIT.

00222	LECT-DISC	C	10	M	W	F	405	M H		VANARSDALL
00223	LECT-DISC	D	11	M	W	F	405	M H		HINTON

AG EC 326 PROFESSIONAL FARM MANAGEMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN AG. EC. 324. AG. EC. 325.
FIELD TRIPS. ESTIMATED EXPENSE. $25.00.
3 HOURS. OR 3/4 OR 1 UNIT.

00224	LECT-DISC	A	8	M	W	F	320	M H		HOLCOMB

AG EC 332 LIVESTOCK MARKETING.
SAME AS AN. S. 332.
PREREQUISITE: ECON. 108. AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.
FIELD TRIP. ESTIMATED EXPENSE. $15.00.
3 HOURS. OR 3/4 OR 1 UNIT.

00225	LECT		2			F	W109	T H		
00226	DISC	F	2	M	W		320	M H		
00227	DISC	G	3	M	W		320	M H		

AG EC 335 ECONOMICS OF FOOD DISTRIBUTION.
SAME AS HORT. 335.
PREREQUISITE: ECON. 108. AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.
3 HOURS. OR 3/4 OR 1 UNIT.

00228	LECT-DISC	D	11	M	W	F	313	M H		KELLY

AG EC 337 ECONOMIC HISTORY OF AMERICAN AGRICULTURE.
SAME AS ECON. AND HIST. 337.
PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY.
*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE REQUIRED TO DO EXTRA WORK.
*3 HOURS. OR 3/4 OR 1 UNIT.

00229	LECT-DISC	L	830-10		TU	TH	313	M H		GUITHER

AG EC 338 AGRI-BUSINESS MANAGEMENT.
PREREQUISITE: ACCY. 101 OR 201 AND ECON. 102 OR 108.
3 HOURS OR 3/4 UNIT.

00230	LECT-DISC	N	10-12		TU		320	M H		MUTTI
		N	10			TH	320	M H		

AG EC 342 AGRICULTURAL PRICES.
PREREQUISITE: ECON. 102 AND 103. OR 108.
3 HOURS. OR 3/4 OR 1 UNIT.

00231	LECT-DISC	C	10	M	W	F	313	M H		HIERONYMUS

AG EC 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA.
SAME AS ECON. 354.
PREREQUISITE: ECON. 103 OR 108. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

00232	LECT-DISC	B	9	M W F	11	COM W	DUE

AG EC 401 INTERNATIONAL COMPARATIVE AGRICULTURE.
1 UNIT.

00233	LECT-DISC	F	2	M F	316N	M H	DOVRING

AG EC 404 ECONOMICS OF AGRICULTURAL PRODUCTION.
PREREQUISITE: ECON. 200 OR 300. AND AG. EC. 341 OR CONSENT OF INSTRUCTOR.
1 UNIT.

00234	LECT-DISC	L	830-10	TU TH	316S	M H	SWANSON

AG EC 436 PROBLEMS IN MARKETING AGRICULTURAL PRODUCTS.
1 UNIT.

00235	LECT-DISC	B	130-3	TU TH	313	M H	BRINEGAR AND HILL

AG EC 470 SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS.
SAME AS H. EC. 470.
PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS, AG.EC. 370 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

00236	DISC		ARR		154	BEV HALL	

AG EC 491 SEMINAR AND SPECIAL TOPICS.
ALL GRADUATE STUDENTS MAJORING IN AGRICULTURAL ECONOMICS MUST REGISTER IN THE NON-CREDIT SECTION OF THIS COURSE.
0 TO 2 UNITS.
*SECTION A IS FOR STUDENTS NOT ENROLLED FOR CREDIT.
*SECTION B IS FOR STUDENTS RECEIVING INDIVIDUAL INSTRUCTION.
*SECTION C IS FOR STUDENTS RECEIVING GROUP INSTRUCTION.

00237	LECT-DISC	*A	ARR				STAFF
00238	CONF	*B	ARR				STAFF
00239	LECT-DISC	*C	3-430	TU TH	316S	M H	SEITZ

AG EC 499 THESIS RESEARCH.
0 TO 4 UNITS.

00240	CONF		ARR				STAFF

DEPARTMENT OFFICE 245 AGR ENG

AG E 127 ENGINEERING IN AGRICULTURE. II.
PREREQUISITE: AG. E. 126.
3 HOURS.

00241	LECT-DISC		9	M W	240	AGR ENG	HUNT
00242	LAB	1	3-5	TU	132	AGR ENG	HUNT
00243	LAB	2	3-5	TH	209	AGR ENG	HUNT

AG E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION PP TOPIC: PROPERTIES OF AGRICULTURAL MATERIALS.

00244	CONF		ARR				STAFF
00245	LECT	PP	8	TU TH	240	AGR ENG	
	LAB	PP	1-3	TH	221	AGR ENG	

AG E 236 MACHINE CHARACTERISTICS AND MECHANISMS.
PREREQUISITE: MATH. 345. T. A. M. 211. AND CREDIT OR REGISTRATION IN C. S. 101.
3 HOURS.

00246	LECT	A	9	TU TH	240	AGR ENG	HOAG
00247	LAB	1	10-12	TU	132	AGR ENG	HOAG
00248	LAB	2	10-12	TH	132	AGR ENG	HOAG

AG E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING: CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

00249	CONF	&A	ARR				LANHAM & STAFF

AG E 298 UNDERGRADUATE SEMINAR.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 DAY FIELD TRIP REQUIRED.
1 HOUR.

00250	DISC		4	TH	240	AGR ENG	LANHAM

AG E 299 UNDERGRADUATE THESIS.
PREREQUISITE: AG. E. 298 AND SENIOR STANDING IN ENGINEERING.
2 TO 4 HOURS.
&B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT OF 4.250.

00251	CONF	A	ARR				LANHAM & STAFF
00252	CONF	&B	ARR				LANHAM & STAFF

AG E 311 INSTRUMENTATION AND MEASUREMENTS.
SAME AS M. E. 311.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.
3 OR 4 HOURS. OR 3/4 OR 1 UNIT.

00253	LECT		8	M W F	204	M E L	STROUT

AG E 336 DESIGN OF AGRICULTURAL MACHINERY.
PREREQUISITE: AG. E. 236. AND CREDIT OR REGISTRATION IN M. E. 224.
3 HOURS OR 3/4 UNIT.

00254	LECT-DISC		2	M W F	240	AGR ENG	BUTLER
	LAB		3-5	M W	209	AGR ENG	BUTLER

AG E 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104. OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

00255	LAB-DISC	1	1-3	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
00256	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
00257	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
00258	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

AG E 348 AIR POLLUTION SEMINAR.
SAME AS C. E., G. E., GEOG., M. E., U. P., AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

00259	LECT-DISC		3-5	W	218	M E B	

AG E 356 SOIL CONSERVATION STRUCTURES.
PREREQUISITE: T. A. M. 235, AG. E. 277, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

00260	LECT		2	M F	218	AGR ENG	LEMBKE
	LAB		2-5	W	132	AGR ENG	

AG E 387 AGRICULTURAL PROCESS ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00261	LECT		1	W F	221	AGR ENG	SHOVE
	LAB		3-5	TU	221	AGR ENG	

AG E 396 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.

00262	CONF	A	ARR	LANHAM & STAFF

AG E 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AGRON., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 440.
PREREQUISITE: AGRON. 340 OR EQUIVALENT.
3/4 UNIT.

00263	LAB-DISC	1	1-3	TH	W223	T H
	LECT		9	M W	W115	T H
00264	LAB-DISC	2	3-5	TH	W223	T H
	LECT		9	M W	W115	T H

AG E 441 ADVANCED DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AGRON. 441.
PREREQUISITE: AGRON. 440 OR EQUIVALENT.
1/2 UNIT.

00265	LECT-DISC	10-12	TU TH	W223	T H

AG E 446 DYNAMICS OF TILLAGE, TRACTION, AND EARTHMOVING.
PREREQUISITE: B. S. DEGREE IN ENGINEERING OR CONSENT OF INSTRUCTOR.
1 UNIT.

00266	LECT-DISC	10	M W F	218	AGR ENG	WEBER

AG E 490 SEMINAR.
1/4 UNIT.

00267	DISC	3	TU	240	AGR ENG	GRADUATE STAFF

AG E 496 PROBLEMS IN AGRICULTURAL ENGINEERING.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1 UNIT.

00268	CONF		ARR	GRADUATE STAFF

AG E 499 THESIS RESEARCH.
0 TO 4 UNITS.

00269	CONF	A	ARR	STAFF
00270	CONF	D	ARR	DAY
00271	CONF	S	ARR	SHOVE
00272	CONF	W	ARR	WEBER
00273	CONF	Y	ARR	YOERGER

AG M 100 ENGINEERING APPLICATIONS IN AGRICULTURE.
PREREQUISITE: MATH. 111, 112, 104 OR EQUIVALENT.
3 HOURS.

00274	LECT	A	10	M F	240	AGR ENG	RODDA
00275	LAB-DISC	1	3-5	M	132	AGR ENG	
00276	LAB-DISC	2	1-3	TU	132	AGR ENG	
00277	LAB-DISC	3	10-12	W	132	AGR ENG	
00278	LAB-DISC	4	1-3	TH	132	AGR ENG	

AG M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00279	CONF	ARR		STAFF

AG M 200 AGRICULTURAL MECHANICS SHOP: CONSTRUCTION TECHNOLOGY.
PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR.
3 HOURS.
*10-WEEK COURSE FOR STUDENTS ENROLLED IN PRACTICE TEACHING ONLY.

00280	LAB	*1	1-3	MTU THF	VOC AGR SHOP		ESPENSCHIED

AG M 201 AGRICULTURAL MECHANICS SHOP: ELECTRICAL AND METAL WORK.
PREREQUISITE: JUNIOR STANDING, ENROLLED IN TEACHER-TRAINING CURRICULUM, OR CONSENT OF INSTRUCTOR.
3 HOURS.

00281	LECT	A	3	F	132	AGR ENG	ESPENSCHIED
	LAB	A	3-5	M W	VOC AGR SHOP		ESPENSCHIED

AG M 241 FARM TRACTOR POWER.
PREREQUISITE: AG. M. 112 OR 221.
3 HOURS.

00282	LECT	A	10	TU TH	218	AGR ENG	YOERGER
	LAB	A	3-5	TH	132	AGR ENG	

AG M 252 MECHANICS OF SOIL AND WATER CONSERVATION.
PREREQUISITE: AG. M. 100 OR 200.
3 HOURS.

00283	LECT	A	11	TU TH	218	AGR ENG	MITCHELL
	LAB	A	2-5	TU	209	AGR ENG	

AG M 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; SENIOR STANDING; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

00284	CONF	A	ARR	LANHAM & STAFF
00285	CONF	*&B	ARR	

AG M 361 DEVELOPMENT AND FUNCTION OF FAMILY HOUSING.
SAME AS H. EC. 361.
3 HOURS OR 3/4 UNIT.

00286	LECT		11	M W	240	AGR ENG	HANSEN
00287	LAB	A	10-12	F	209	AGR ENG	
00288	LAB	B	10-12	TH	209	AGR ENG	

AG M 381 ELECTRO-MECHANICAL AGRICULTURAL SYSTEMS.
PREREQUISITE: AG. M. 281 OR GRADUATE STANDING IN AGRICULTURE.
3 HOURS OR 3/4 UNIT.

00289	LECT	A	9	TU TH	221	AGR ENG	OLVER
	LAB	A	2-4	W	221	AGR ENG	

AGR 100 AGRICULTURE IN MODERN SOCIETY.
REQUIRED OF ALL FRESHMEN IN AGRICULTURE.
1 HOUR.

00290	LECT-DISC		1	TU	316S M H	GARDNER

AGR 107 FUNCTIONAL WRITING. II.
PREREQUISITE: AGR. 106 OR CONSENT OF INSTRUCTOR.
1 TO 2 HOURS.

00291	LAB-DISC	A	9	TU TH	316N M H	JACKSON
00292	LAB-DISC	B	7-9PM	W	316N M H	JACKSON

AGR 114 AGRICULTURAL JOURNALISM.
SAME AS JOURN. 114.
3 HOURS.

00293	LECT-DISC		10	TU TH	313 M H	SHENTON AND
00294	LAB	A	1	TH	442 M H	EVANS
00295	LAB	B	2	TH	442 M H	

AGR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: AGRICULTURE AND ITS PUBLICS. 3 HOURS.
SECTION B TOPIC: COMMUNICATION AND AGRICULTURAL DEVELOPMENT.
3 HOURS.
SECTION C TOPIC: VISUAL COMMUNICATIONS IN AGRICULTURE. FOR
AGRICULTURAL COMMUNICATIONS MAJORS ONLY. ONE ADDITIONAL
HOUR TO BE ARRANGED. 3 HOURS.
SECTION Y TOPIC: AGRICULTURE IN THE ENVIRONMENT. 0 TO 2 HOURS.

00297	LECT-DISC	A	1	M W F	316S M H	EVANS
00298	LECT-DISC	B	10-12	TU	W115 T H	SALCEDO AND
		B	11	TH	W115 T H	WOODS
00299	LAB-DISC	C	9	TU TH	320 M H	EVANS
00296	CONF	Y	3-5	M	N107 T H	JENSEN AND LARSON

AGR 206 COOPERATIVE EXTENSION WORK.
PREREQUISITE: AGR. 114 AND A COURSE IN SOCIOLOGY OR CONSENT OF
INSTRUCTOR.
3 HOURS.

00300	LECT-DISC		10	TU TH	316N M H	KAISER
			11	TH	316N M H	

AGR 214 ADVANCED AGRICULTURAL JOURNALISM.
SAME AS JOURN. 214.
PREREQUISITE: AGR. 114 OR CONSENT OF INSTRUCTOR.
3 HOURS.

00301	LECT-DISC		2	M	442 M H	DAHL
	LAB		2-4	W	442 M H	

DEPARTMENT OFFICE W201 T H

AGRON 101 INTRODUCTORY SOILS.
PREREQUISITE: CHEM. 101, 111, OR FORMER 102; CREDIT OR REGISTRATION IN GEOL. 105.
4 HOURS.

00302	LAB	1	1-4	M	W1	T H	HASSETT
	LECT		10	M W F	W109	T H	
00303	LAB	2	1-4	TU	W1	T H	
	LECT		10	M W F	W109	T H	
00304	LAB	3	1-4	W	W1	T H	
	LECT		10	M W F	W109	T H	
00305	LAB	4	9-12	TH	W1	T H	
	LECT		10	M W F	W109	T H	
00306	LAB	5	1-4	TH	W1	T H	
	LECT		10	M W F	W109	T H	
00307	LAB	6	2-5	M	W1	T H	
	LECT		11	M W F	W109	T H	
00308	LAB	7	2-5	TU	W1	T H	
	LECT		11	M W F	W109	T H	
00309	LAB	8	2-5	W	W1	T H	
	LECT		11	M W F	W109	T H	
00310	LAB	9	8-11	TH	W1	T H	
	LECT		11	M W F	W109	T H	
00311	LAB	10	2-5	TH	W1	T H	
	LECT		11	M W F	W109	T H	

AGRON 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., D. S., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.

00312	LAB	1	1-3	TU	W13	T H	D E ALEXANDER
	LECT		2	M W	W109	T H	AND OTHERS
00313	LAB	2	3-5	TU	W13	T H	
	LECT		2	M W	W109	T H	
00314	LAB	3	1-3	TH	W13	T H	
	LECT		2	M W	W109	T H	

AGRON 121 PRINCIPLES OF FIELD CROP SCIENCE.
4 HOURS.

00315	LAB	1	10-12	TU	W13	T H	BURGER
	LECT		8	M W F	W109	T H	
00316	LAB	2	1-3	W	W13	T H	
	LECT		8	M W F	W109	T H	
00317	LAB	3	3-5	W	W13	T H	
	LECT		8	M W F	W109	T H	
00318	LAB	4	10-12	TH	W13	T H	
	LECT		8	M W F	W109	T H	
00319	LAB	5	10-12	M	W13	T H	
	LECT		8	M W F	W109	T H	
00320	LAB	6	1-3	M	W13	T H	
	LECT		8	M W F	W109	T H	
00321	LAB	7	8-10	TU	W13	T H	
	LECT		8	M W F	W109	T H	
00322	LAB	8	9-11	F	W13	T H	
	LECT		8	M W F	W109	T H	

AGRON 290 UNDERGRADUATE AGRONOMY SEMINAR.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

00323	DISC		4	TH	N107	T H	BURGER, HASSETT, D. A. MILLER

AGRON 300 ADVANCED SPECIAL PROBLEMS.
PREREQUISITE: MINIMUM GRADE-POINT AVERAGE 3.5; NOT OPEN TO STUDENTS ON PROBATION; CONSENT OF THE INSTRUCTOR. APPROVAL OF AGRONOMY TEACHING COORDINATOR IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
*CREDIT IS NOT GIVEN TO GRADUATE STUDENTS MAJORING IN AGRONOMY.
*1 TO 5 HOURS, OR 1/2 TO 2 UNITS.
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

00324	LAB-DISC	A	ARR				STAFF
00325	LAB-DISC	&B	ARR				STAFF

AGRON 301 SOIL SURVEY, WITH EMPHASIS ON ILLINOIS SOILS.
PREREQUISITE: AGRON. 101 OR CONSENT OF INSTRUCTOR.
FIELD TRIPS. ESTIMATED EXPENSE $10-$15.
3 HOURS OR 3/4 UNIT.

00326	LAB	1	1-3		F	W223	T H		B. RAY
	LECT		1	M W		W223	T H		
00327	LAB	2	8-10		S	W223	T H		
	LECT		1	M W		W223	T H		

AGRON 304 SOIL MANAGEMENT AND CONSERVATION.
PREREQUISITE: AGRON. 101.
3 HOURS OR 3/4 UNIT.

00328	LECT		9	M W F		W109	T H		OSCHWALD

AGRON 307 SOIL CHEMISTRY.
PREREQUISITE: AGRON. 101 AND CHEM. 102.
3 HOURS OR 3/4 UNIT.

00329	LECT		8	M W F		W223	T H		MELSTED

AGRON 308 THE PHYSICS OF THE PLANT ENVIRONMENT.
PREREQUISITE: PHYCS. 102 AND ONE SEMESTER OF CALCULUS.
4 HOURS OR 1 UNIT.

00330	LECT		1-3	TU		W115	T H		BOAST
	LAB-DISC		1-4	TH		W115	T H		

AGRON 312 FARM APPRAISALS.
SAME AS AG. EC. 312.
PREREQUISITE: AGRON. 101 AND AG. EC. 220, OR EQUIVALENT.
FIELD TRIPS. ESTIMATED EXPENSE. $10.00.
5 HOURS. OR 3/4 OR 1 UNIT.

00331	LECT-DISC	B	9	M W F		313	M H		REISS
		B	8-12		S	313	M H		J D ALEXANDER

AGRON 320 CROP PHYSIOLOGY.
PREREQUISITE: BOT. 100 OR EQUIVALENT AND ONE COURSE IN ORGANIC CHEMISTRY OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00332	LECT		11	M W F		W223	T H		RINNE

AGRON 322 FORAGE CROPS AND PASTURES.
PREREQUISITE: AGRON. 121.
3 HOURS OR 3/4 UNIT.

00333	LECT-DISC		10	M W F		W115	T H		D. A. MILLER

AGRON 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

00334	LAB-DISC	1	1-3	TU		W223	T H		SEIF
	LECT		9	TU TH		W109	T H		
00335	LAB-DISC	2	3-5	TU		W223	T H		
	LECT		9	TU TH		W109	T H		
00336	LAB-DISC	3	1-3	W		N107	T H		
	LECT		9	TU TH		W109	T H		
00337	LAB-DISC	4	3-5	W		W223	T H		
	LECT		9	TU TH		W109	T H		

AGRON 350 CROPS AND MAN.
FIELD TRIP. ESTIMATED COST $10.00.
3 HOURS OR 3/4 UNIT.

00338	LECT-DISC		3-5	M		W223	T H		HARLAN
			10-12		S	W223	T H		

AGRON 400 SEMINAR.
REQUIRED OF ALL GRADUATE MAJORS IN AGRONOMY.
PREREQUISITE: GRADUATE STANDING.
0 CREDIT.

00339	LAB-DISC	C	3	W		N107	T H		KOEPPE
00340	LAB-DISC	G	4	W		N107	T H		HADLEY
00341	LAB-DISC	S	4	TU		W109	T H		FEHRENBACHER
00342	LAB-DISC	PP	12	TH		113	D H		WILSON

AGRON 405 COLLOIDAL CHEMISTRY OF SOILS.
PREREQUISITE: CHEM. 340 AND 341, OR EQUIVALENT.
1 UNIT.

00343	LECT-DISC		ARR					GIESEKING

AGRON 422 PASTURE, RANGE, AND SOIL CONSERVATION RESEARCH.
PREREQUISITE: AGRON. 121, AGRON. 321, OR 322.
1 UNIT.

00344	LECT-DISC		8	M W F	N107	T H		JACKOBS

AGRON 423 CYTOGENETIC AND EVOLUTIONARY BASIS OF PLANT BREEDING.
PREREQUISITE: AGRON. OR HORT. 323 OR EQUIVALENT OR
CONSENT OF INSTRUCTOR.
1 UNIT.

00345	LECT-DISC	1	8	W F	W115	T H		
		1	3-5	TU	W121	T H		HADLEY

AGRON 424 MINERAL NUTRITION OF PLANTS.
SAME AS BOT. AND HORT. 424.
PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
1 UNIT.

00346	LECT-DISC		11	TUWTHF	N107	T H		HAGEMAN

AGRON 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AN. S., D. S., F. S., FOR., HORT.,
AND V. M. S. 440.
PREREQUISITE: AGRON. 340 OR EQUIVALENT.
3/4 UNIT.

00347	LAB-DISC	1	1-3	TH	W223	T H		CARMER,
	LECT		9	M W	W115	T H		WALKER
00348	LAB-DISC	2	3-5	TH	W223	T H		
	LECT		9	M W	W115	T H		

AGRON 441 ADVANCED DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E. 441.
PREREQUISITE: AGRON. 440 OR EQUIVALENT.
1/2 UNIT.

00349	LECT-DISC		10-12	TU TH	W223	T H		CARMER

AGRON 442 ENVIRONMENTAL PLANT PHYSIOLOGY.
SAME AS BOT. 442.
PREREQUISITE: CHEM. 131, GENERAL PHYSICS, GENERAL OR PLANT
PHYSIOLOGY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

00350	LECT		2-4	M W	308	N H B		BOYER

AGRON 493 ADVANCED STUDIES IN AGRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:
A--SOIL CHEMISTRY.
B--SOIL FERTILITY.
C--SOIL PHYSICS.
D--SOIL CLASSIFICATION AND PEDOLOGY.
E--SOIL MINERALOGY.
F--SOIL MICROBIOLOGY.
G--PLANT BREEDING AND GENETICS.
H--PLANT PHYSIOLOGY.
I--ADVANCED WEED CONTROL.
J--CROP MORPHOLOGY.
K--CROP PRODUCTION AND ECOLOGY.
L--STATISTICAL TECHNIQUES AND DATA PROCESSING.

00351	CONF	A	ARR					STAFF
00352	CONF	B	ARR					STAFF
00353	CONF	C	ARR					STAFF
00354	CONF	D	ARR					STAFF
00355	CONF	E	ARR					STAFF
00356	CONF	F	ARR					STAFF
00357	CONF	G	ARR					STAFF
00358	CONF	H	ARR					STAFF
00359	CONF	I	ARR					STAFF
00360	CONF	J	ARR					STAFF
00361	CONF	K	ARR					STAFF
00362	CONF	L	ARR					STAFF

AGRON 499 THESIS RESEARCH.
0 TO 4 UNITS.
WORK TO BE TAKEN IN THE FOLLOWING SUBJECTS:

A-SOILS ALDRICH, BEAVERS, BRAIDS, FEHRENBACHER, GIESEKING, HINESLY, JONES, KOEPPE, KURTZ, MELSTED, R. J. MILLER, ODELL, OSCHWALD, PERRIER, PETERS, RAY, RUNGE, RUSSELL, STEVENSON, THORN, TYNER, WALKER, WELCH.

B-CROPS ALEXANDER, BERNARD, BROWN, BURGER, CARMER, COOPER, DEWET, DUDLEY, EARLEY, GERDEMANN, HADLEY, HAGEMAN, HANSON, HARLAN, HARPER, HILTIBRAN, HITTLE, HOOKER, HOWELL, HYMOWITZ, JACKOBS, JUGENHEIMER, KNAKE, LAMBERT, LAUGHNAN, LENG, MCGLAMERY, D. A. MILLER, OGREN, PATTERSON, RINNE, SCOTT, SEIF, SLIFE, STOLLER, WAX, WEBER, WEIBEL, WIDHOLM WILSON AND WOOLLEY.

0C363	CONF	A	APR						STAFF
0C364	CONF	B	APR						STAFF

AIR FORCE AEROSPACE STUDIES

DEPARTMENT OFFICE 230 ARMORY

AFAS 100 CORPS TRAINING.
MUST BE TAKEN IN CONJUNCTION WITH OTHER COURSES.
NO CREDIT.

0C365	LAB	A	7PM	W	101	ARMORY	

ATTENDANCE AT PARADES AND CEREMONIES IS REQUIRED OF ALL CADETS.

AFAS 112 FRESHMAN THEORY COURSE: UNITED STATES MILITARY FORCES IN THE CONTEMPORARY WORLD, I.
AFAS CONTINUATION OF AFAS 111.
PREREQUISITE: AFAS 111 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.
1 HOUR.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

0C366	LECT-DISC	F	1	M	325E	ARMORY	CLARK
0C367	LECT-DISC	F	2	M	325E	ARMORY	CLARK
0C368	LECT-DISC	M	9	TU	325E	ARMORY	CLARK

AFAS 122 SOPHOMORE THEORY COURSE: UNITED STATES MILITARY FORCES IN THE CONTEMPORARY WORLD, II.
PREREQUISITE: AFAS 121 OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES.
1 HOUR.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

0C369	LECT-DISC	E	1	W	325E	ARMORY	DUNNING
0C370	LECT-DISC	N	10	TH	325E	ARMORY	DUNNING

THE FOLLOWING AIR FORCE AEROSPACE STUDIES COURSE MAY BE TAKEN UPON APPLICATION BY STUDENTS WHO MEET THE REQUIRED STANDARDS. COMMISSIONS IN THE AIR FORCE RESERVE ARE AWARDED THOSE STUDENTS WHO SATISFACTORILY COMPLETE THE ADVANCED COURSES AND WHO COMPLETE THE ACADEMIC REQUIREMENTS FOR A DEGREE SUBJECT TO ALLOCATIONS OF COMMISSIONS TO BE MADE BY AIR FORCE R.O.T.C. STUDENTS ARE PAID RETAINER PAY, ARE FURNISHED A UNIFORM, AND ARE REQUIRED TO ATTEND A SUMMER ENCAMPMENT PRIOR TO THE PROFESSIONAL OFFICER COURSE.

ADVANCED AIR FORCE R.O.T.C. COURSES REQUIRE THREE HOURS OF INSTRUCTION A WEEK.
GENERAL PREREQUISITE: SUCCESSFUL COMPLETION OF THE FRESHMAN AND SOPHOMORE AIR FORCE R.O.T.C. COURSES OR THE SIX-WEEK FIELD TRAINING PROGRAM OR EQUIVALENT TRAINING AS APPROVED BY THE PROFESSOR OF AIR FORCE AEROSPACE STUDIES, PASS OFFICERS TYPE PHYSICAL EXAMINATION, ACHIEVE SATISFACTORY SCORES ON THE AIR FORCE OFFICERS QUALIFICATION TEST, AND ACCEPTANCE BY A BOARD OF AIR FORCE OFFICERS.

AFAS 232 JUNIOR THEORY COURSE: GROWTH AND DEVELOPMENT OF AEROSPACE POWER. II.
PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES. SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST.
3 HOURS.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

00371	LECT-DISC	B	9	M	W	F	222	ARMORY	BOWERS
00372	LECT-DISC	C	10	M	W	F	222	ARMORY	BOWERS

AFAS 242 SENIOR THEORY COURSE: THE PROFESSIONAL OFFICER. II.
PREREQUISITE: COMPLETION OF ALL FRESHMAN AND SOPHOMORE THEORY COURSES OR CONSENT OF PROFESSOR OF AIR FORCE AEROSPACE STUDIES SUCCESSFUL PASSING OF THE AIR FORCE OFFICERS QUALIFICATION TEST.
3 HOURS.
NOTE: AFAS 100 MUST BE TAKEN IN CONJUNCTION WITH THIS COURSE.

00373	LECT-DISC	B	9	M	W	F	325E	ARMORY	REID
00374	LECT-DISC	C	10	M	W	F	325E	ARMORY	REID

AMERICAN CIVILIZATION

MAJOR: STUDENTS WHO ELECT AMERICAN CIVILIZATION AS A MAJOR MUST COMPLETE FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS FOR GRADUATION) IN COURSES INDICATED BELOW. AT LEAST TWENTY HOURS BEING IN COURSES NUMBERED 300 OR ABOVE. THEY ARE REQUIRED TO MAINTAIN A 3.0 GENERAL AVERAGE AT ALL TIMES. THAT IS, WHEN THE AVERAGE DROPS BELOW THAT LEVEL THE STUDENT SHALL DROP FROM THIS MAJOR. SPECIFICALLY REQUIRED ARE:

1. ENGL. 255. 256. HIST. 151-152. AND EITHER ART 323 OR 324 (A TOTAL OF FIFTEEN HOURS). EQUIVALENT OR MORE ADVANCED COURSES MAY BE SUBSTITUTED PROVIDED THAT. TAKEN TOGETHER. THEY CONSTITUTE COMPREHENSIVE SURVEYS OF THE THREE FIELDS OF AMERICAN HISTORY. AMERICAN LITERATURE. AND EITHER AMERICAN ART OR AMERICAN PHILOSOPHY. APPROVAL FOR ANY SUCH SUBSTITUTION MUST BE REQUESTED BY A PETITION TO THE DEAN BEARING THE RECOMMENDATION OF THE ADVISOR FOR THE CURRICULUM.

2. AT LEAST SIX HOURS OF ADVANCED WORK IN ENGLISH AND AT LEAST SIX HOURS OF ADVANCED WORK IN HISTORY. CHOSEN FROM THE FOLLOWING COURSES ALL OF WHICH ARE IN THE AMERICAN FIELD: ENGL. 285-286. 287. 316. 352. 353-354. 375-376. HIST. 352. 354. 355. 356. 357-358. 359. 360. 361-362. 363-364. 367-368. 369-370. 371-372. 373-374. SPEECH 366 MAY BE SUBSTITUTED FOR ENGL. 316.

3. AT LEAST SIX HOURS FROM THE FOLLOWING COURSES: ARCH. 315-316 ECON 236. ED. 302. GEOG. 223. POL. S. 150-151. 351. 381. 397. SPCH. 312: OR COURSES LISTED IN THE PRECEDING PARAGRAPHS. IF NOT COUNTED TOWARD THE REQUIREMENTS THEREUNDER.

4. AT LEAST SIX ADDITIONAL HOURS IN ONE OF THE FOLLOWING DEPARTMENTS: ART. ENGLISH. HISTORY. PHILOSOPHY OR POLITICAL SCIENCE CHOSEN FROM COURSES WHICH DEAL WITH NON-AMERICAN ASPECTS OF THE SUBJECT BUT WHICH ARE CLOSELY RELATED TO SPECIFIC COURSES SELECTED UNDER THE PRECEDING REQUIREMENTS. SUCH AS. FOR EXAMPLE. A COURSE DEALING WITH THE SAME PERIOD IN EUROPEAN HISTORY OR IN ENGLISH LITERATURE.

THE COMMITTEE IN CHARGE OF THE CURRICULUM ADVISES EACH STUDENT CONCERNING THESE ADDITIONAL HOURS. ASSUMES RESPONSIBILITY FOR THE STUDENTS REGISTRATION IN THE PROPER COURSES. AND FILES A RECORD OF THE STUDENTS REGISTRATION INDICATING THE SPECIFIC COURSES APPROVED AS SATISFYING THIS REQUIREMENT IN THE OFFICE OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES.

ADVISER--CHAIRMAN OF THE COMMITTEE IN CHARGE--PROFESSOR J. LEONARD BATES. 316 GREGORY HALL.

MINORS: THIS CURRICULUM HAS BEEN APPROVED AS A MINOR FOR STUDENTS MAJORING IN GEOGRAPHY, HISTORY, POLITICAL SCIENCE, AND SPEECH. A SPLIT MINOR IS NOT AUTHORIZED. NO COURSE COUNTED TOWARD THE STUDENTS MAJOR MAY BE COUNTED TOWARD THE MINOR. THE MINOR CONSISTS OF AT LEAST TWENTY SEMESTER HOURS, INCLUDING THE REQUIRED COURSES HIST. 151-152 AND ENGL. 113-114, AND IN ADDITION:

1. AT LEAST THREE HOURS FROM COURSES LISTED UNDER (2) OF THE REQUIREMENTS FOR THE MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

2. THE REMAINDER, IF ANY, CHOSEN FROM COURSES LISTED UNDER (1) AND (3) OF THE REQUIREMENTS FOR MAJOR IN AMERICAN CIVILIZATION, EXCLUDING THOSE NUMBERED UNDER 300 AND THOSE IN THE DEPARTMENT IN WHICH THE STUDENT IS MAJORING.

ANIMAL SCIENCE

DEPARTMENT OFFICE 328 M H

AN S 100 INTRODUCTION TO ANIMAL SCIENCE.
3 HOURS.

00375	LECT	A	3	M F	135 A S L		BRAY AND
	LAB	A	3-5	W	135 A S L		OTHERS
		A	3-5	W	STOCK PAVILION		

AN S 110 PLANT AND ANIMAL GENETICS.
SAME AS AGRON., D. S., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.

00376	LAB	1	1-3	TU	W13 T H		ALEXANDER
	LECT		2	M W	W109 T H		AND OTHERS
00377	LAB	2	3-5	TU	W13 T H		
	LECT		2	M W	W109 T H		
00378	LAB	3	1-3	TH	W13 T H		
	LECT		2	M W	W109 T H		

AN S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00379	CONF		ARR	STAFF

AN S 200 SPECIAL PROBLEMS.
PREREQUISITE: MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEMS COURSE.
1 TO 5 HOURS.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

00380	CONF	A	ARR	STAFF
00381	CONF	*&B	ARR	

AN S 201 LIVESTOCK MANAGEMENT.
SAME AS D. S. 201.
PREREQUISITE: AN. S./D. S. 221 OR AN. S. 325.
*ANIMAL AND DAIRY SCIENCE MAJORS DO NOT RECEIVE CREDIT FOR THIS COURSE.
*5 HOURS.

00382	LECT-DISC	11	MTUWTHF	135 A S L	JOHNSON AND ORMISTON

AN S 206 HORSE PRODUCTION.
PREREQUISITE: AN. S. 221 OR EQUIVALENT.
3 HOURS.

00384	LECT-DISC	3	TU TH	STOCK PAVILION	ALBERT
		4	TU	STOCK PAVILION	

AN S 209 MEAT ANIMAL EVALUATION.
PREREQUISITE: AN. S. 100.
*STUDENTS MAY REGISTER FOR 3 HOURS CREDIT WITHOUT THE LABORATORY OR FOR 4 HOURS CREDIT WITH THE LABORATORY.
*3 OR 4 HOURS.

00385	LECT-DISC		12		F	152	C A	ROMANS
00386	LAB-DISC	A	12-2	M		STOCK PAVILION		
		A	12-2		W	152	C A	
00387	LAB-DISC	B	12-2	M		STOCK PAVILION		
		B	3-5		W	152	C A	

AN S 211 BREEDING ANIMAL EVALUATION.
PREREQUISITE: AN. S. 103.
3 HOURS.

00388	LECT		3	M	F	STOCK PAVILION		ALBERT
	LAB		3-5		W	STOCK PAVILION		

AN S 221 ANIMAL NUTRITION.
SAME AS D. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, OR 133.
*CREDIT IS NOT GIVEN FOR BOTH AN. S. 221 AND 325.
*4 HOURS.

00389	LECT-DISC		10	TUWTHF		135	A S L	BAKER AND BAUMAN

AN S 230 COMPARATIVE PHYSIOLOGY OF REPRODUCTION, LACTATION AND GROWTH.
SAME AS D. S. 230.
PREREQUISITE: ZOOL. 104 AND ONE COURSE IN CHEMISTRY.
3 HOURS.

00390	LECT		9	TU TH		W115	T H	DZIUK AND
	LAB		10-12	TU		414	A S L	HAYS

AN S 299 SEMINAR.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

00391	LECT-DISC		8-12		S	121	A S L	GARRIGUS

AN S 301 BEEF PRODUCTION.
PREREQUISITE: AN. S. 221, OR EQUIVALENT.
3 HOURS, OR 1/2 OR 3/4 UNIT.

00392	LECT		8	M W F		135	A S L	NEUMANN

AN S 303 PORK PRODUCTION.
PREREQUISITE: AN. S. 221, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

00393	LECT	A	8	M	F	313	M H	JENSEN
	QUIZ	A	8		W	313	M H	

AN S 305 GENETICS AND ANIMAL IMPROVEMENT.
SAME AS D. S. 305.
PREREQUISITE: AN. S. 110 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

00394	LECT		10	M W		153	A S L	
	DISC		10		F	153	A S L	GROSSMAN

AN S 309 MEAT SCIENCE.
PREREQUISITE: CHEM. 102, AND MCBIO. 100 AND 101 OR 200 AND 206
4 HOURS OR 1 UNIT.

08615	LAB-DISC		1-5	TU TH		152	C A	SCHMIDT

AN S 320 NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS.
SAME AS D. S. 320.
PREREQUISITE: D. S./AN. S. 221.
3 HOURS OR 3/4 UNIT.

00395	LECT		9	M W F		242	BEV HALL	DAVIS & HINDS

AN S 325 PRINCIPLES OF ANIMAL NUTRITION.
PREREQUISITE: CHEM. 354 OR CHEM. 350 AND 355.
*CREDIT NOT ALLOWED FOR AN. S. 325 IN ADDITION TO CREDIT IN AN. S./D. S. 221.
*5 HOURS OR 1 1/4 UNITS.

00396	LECT		10	M W F		253	V M	OWENS
	LAB-DISC		4		W	253	V M	
00397	LAB	A	8-10	TU		266	V M	
00398	LAB	B	8-10		TH	266	V M	

AN S 332 LIVESTOCK MARKETING.
SAME AS AG. EC. 332.
PREREQUISITE: ECON. 108, AG. EC. 230, OR AN ELEMENTARY MARKETING COURSE.
FIELD TRIP. ESTIMATED EXPENSE $15.00.
3 HOURS, OR 3/4 OR 1 UNIT.

00399	LECT		2	F	W109	T H		
00400	DISC	F	2	M W	320	M H		
00401	DISC	G	3	M W	320	M H		

AN S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

00402	LAB-DISC	1	1-3	TU	W223	T H		SEIF
	LECT		9	TU TH	W109	T H		
00403	LAB-DISC	2	3-5	TU	W223	T H		
	LECT		9	TU TH	W109	T H		
00404	LAB-DISC	3	1-3	W	N107	T H		
	LECT		9	TU TH	W109	T H		
00405	LAB-DISC	4	3-5	W	W223	T H		
	LECT		9	TU TH	W109	T H		

AN S 341 HUMAN EVOLUTION. II.
SAME AS ANTH. 341.
PREREQUISITE: ANTH. 102 OR ZOOL. 101 OR 104, OR CONSENT OF INSTRUCTOR.
*ADDITIONAL WORK WILL BE REQUIRED OF GRADUATE STUDENTS REGISTERING FOR ONE UNIT OF CREDIT IN THIS COURSE.
*3 HOURS, OR 1/2 OR 1 UNIT.

00406	LECT-DISC		2	M W F	312	D H		GILES AND RASMUSEN

AN S 347 ETHOLOGY LABORATORY.
SAME AS ANTH. AND ZOOL. 347.
PREREQUISITE: ZOOL., ANTH. OR AN. S. 346 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00407	LAB		10	M W F	346	N H B		BANKS

AN S 350 WORLD ANIMAL AGRICULTURE.
SAME AS D. S. 350.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00408	LECT		8	M W F	316N	M H		KASTELIC

AN S 400 PRESENTATION OF EXPERIMENTAL RESULTS.
1/4 UNIT.

00409	LECT-DISC		4	TH	104	AN GEN		DZIUK

AN S 402 PRINCIPLES OF SHEEP AND WOOL PRODUCTION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

00410	LECT-DISC		ARR		101	S P		HATFIELD, JOHNSON AND OWENS

AN S 403 TECHNICS AND TOPICS IN ANIMAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

00411	LECT-DISC		3	TU TH	313	M H		HARMON AND HINDS

AN S 406 PHYSIOLOGY OF REPRODUCTION.
SAME AS ZOOL. 406.
1 UNIT.

00412	LAB-DISC		1-3	TU TH	135	A S L		DZIUK

AN S 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
SAME AS ZOOL. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*COMBINED CREDIT IN AN.S. 407 AND 408 MAY NOT EXCEED TWO UNITS.
*1/2 TO 1 UNIT.

00413	LAB		ARR					DZIUK AND NALBANDOV

AN S 410 RESEARCH METHODS IN ANIMAL SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 1 UNIT.
*1/4 TO 1 UNIT.

00414	CONF		ARR				GRADUATE STAFF

AN S 412 ADVANCED ENDOCRINOLOGY.
SAME AS D. S., PHYSL., AND ZOOL. 412
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC--TO BE ANNOUNCED.

00415	DISC		730-10PM	M	140	BUR HALL	NALBANDOV, DZIUK, GORSKI, JACKSON

AN S 416 POPULATION GENETICS AND ANIMAL BREEDING.
SAME AS D. S. 416.
PREREQUISITE: AN. S. 110 OR EQUIVALENT.
1 UNIT.

00416	LECT		9	M W F	153	A S L	GROSSMAN

AN S 420 COMPARATIVE NUTRITION.
PREREQUISITE: CHEM. 350 AND 355.
1 UNIT.

00417	LECT		11	MTUWTH	121	A S L	FORBES AND BAKER

AN S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., D. S., F. S., FOR., HORT., AND V. M. S. 440.
PREREQUISITE: AN. S. 340 OR EQUIVALENT.
3/4 UNIT.

00418	LAB-DISC	1	1-3	TH	W223	T H	CARMER,
	LECT		9	M W	W115	T H	WALKER
00419	LAB-DISC	2	3-5	TH	W223	T H	
	LECT		9	M W	W115	T H	

AN S 463 RADIOISOTOPES IN BIOLOGICAL RESEARCH: PRINCIPLES AND PRACTICE.
SAME AS V.M.S. 463 AND BIOPH 463.
PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS, PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

00420	LECT		11	M W	253	V M	TWARDOCK AND
00421	LAB	A	1-5	TU	232	V M	
00422	LAB	B	1-5	W	232	V M	BUBAR
00423	LAB	C	1-5	TH	253	V M	

AN S 481 ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES.
SAME AS D. S. 481.
PREREQUISITE: CHEM. 350 AND 355; CONSENT OF INSTRUCTOR.
1 UNIT.
*PLUS TWO HOURS TO BE ARRANGED.

00424	LAB-DISC		*1-4	TU TH	341	A S L	LARSON AND OTHERS

AN S 496 THE USE OF CARBON-14 IN LABELING TECHNIQUES.
SAME AS CHEM. 496.
PREREQUISITE: CHEM. 336, 337, AND 338, OR EQUIVALENT, CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

00425	LECT		11	TU TH	217	N L	NYSTROM AND
00426	LAB	A	1-5	TU	163	D H	ROBINSON
00427	LAB	C	1-5	W	163	D H	
00428	LAB	D	1-5	TH	163	D H	
00429	LAB	E	1-5	F	163	D H	

AN S 499 THESIS RESEARCH.
0 TO 4 UNITS.

00430	CONF		ARR				GRADUATE STAFF

DEPARTMENT OFFICE 109 D H

"MAJOR: TWENTY-EIGHT HOURS IN ANTHROPOLOGY INCLUDING EITHER 101 OR THE 102-103 SEQUENCE. BUT NOT BOTH. STUDENTS ARE STRONGLY ADVISED TO TAKE AT LEAST ONE COURSE IN EACH OF THE PRINCIPAL SUB-FIELDS OF GENERAL ANTHROPOLOGY: SOCIAL ANTHROPOLOGY, APPLIED ANTHROPOLOGY, ARCHAEOLOGY, BIOLOGICAL ANTHROPOLOGY, AND LINGUISTIC ANTHROPOLOGY. IN VIEW OF GRADUATE SCHOOL ENTRANCE REQUIREMENTS, STUDENTS WHO CONTEMPLATE SEEKING AN ADVANCED DEGREE IN ANTHROPOLOGY HERE OR ELSEWHERE SHOULD TAKE 174, 220, 230, 240, AND 300."

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ART, BIOCHEMISTRY, BIOLOGY, COMMUNICATIONS, COMPUTER SCIENCE, CLASSICS, ECONOMICS, GEOGRAPHY, GEOLOGY, HISTORY, LINGUISTICS, MATHEMATICS, MUSIC, PHILOSOPHY, PHYSIOLOGY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, OR ZOOLOGY. STUDENTS MAY ALSO ELECT INTERDISCIPLINARY TOPICAL OR INTERDEPARTMENTAL MINORS IN AREA STUDIES, GENETICS, HUMAN ECOLOGY, LANGUAGES, OR RELIGIOUS STUDIES. IN CIRCUMSTANCES WHERE A STUDENT'S PLANS MAKE OTHER FIELDS OF STUDY PARTICULARLY APPROPRIATE, HE MAY PETITION THE HEAD OF THE DEPARTMENT FOR APPROVAL OF A SPECIAL MINOR.

ANTH 101 CONCEPTS IN GENERAL ANTHROPOLOGY.
*CREDIT IS NOT GIVEN FOR ANTH. 101 AND 102-103.
*4 HOURS.

00431	LECT		9	M W F	112	G H		ROSS, CRISSMAN
00432	DISC	A	8	TU	312	D H		PETERSON
00433	DISC	B	8	TH	312	D H		BRUKMAN
00434	DISC	C	9	TU	312	D H		
00435	DISC	D	9	TH	312	D H		
00436	DISC	E	2	TH	405	M H		
00437	DISC	F	3	TU	312	D H		
00438	DISC	G	3	W	405	M H		
00439	DISC	H	10	TH	204	H H		

ANTH 102 INTRODUCTION TO ANTHROPOLOGY: THE ORIGIN OF MAN AND CULTURE.
*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.
*4 HOURS.
SECTION &G IS AN HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

00440	LECT		10	M W F	100	N L		GIBBON
00441	DISC	A	8	TU	209A	D H		
00442	DISC	B	8	TU	405	M H		
00443	DISC	C	8	TH	209A	D H		
00444	DISC	D	9	TU	405	M H		
00445	DISC	E	9	TH	405	M H		
00446	DISC	F	10	TU	405	M H		
00452	DISC	&G	10	TH	405	M H		
00447	DISC	M	1	TH	209A	D H		
00448	DISC	I	1	TH	313	D H		
00449	DISC	J	12	TU	209A	D H		
00450	DISC	K	12	TH	209A	D H		
00451	DISC	L	3	TH	312	D H		

ANTH 103 INTRODUCTION TO CULTURAL ANTHROPOLOGY.
*CREDIT IS NOT GIVEN FOR ANTH. 102-103 AND 101.
*4 HOURS.
SECTION &G IS AN HONORS SECTION OPEN TO JAMES SCHOLARS AND OTHER HONORS STUDENTS.

00453	LECT		11	M W F	112	G H		CRISSMAN
00454	DISC	A	8	TU	109A	D H		
00455	DISC	B	8	TH	109A	D H		
00456	DISC	C	8	TH	405	M H		
00457	DISC	D	9	TU	113	D H		
00458	DISC	E	9	TH	113	D H		
00459	DISC	F	11	TU	405	M H		
00465	DISC	&G	11	TH	405	M H		
00460	DISC	H	12	TU	313	D H		
00461	DISC	I	2	TH	209A	D H		
00462	DISC	J	2	TH	313	D H		
00463	DISC	K	1	TU	405	M H		
00464	DISC	L	1	TH	405	M H		

ANTH 143 BIOLOGICAL BASES OF HUMAN BEHAVIOR.
SAME AS PSYCH. AND ZOOL. 143.
3 HOURS.

00466	LECT-DISC		9-1030	TU TH	313	D H	KLEIN

ANTH 174 AMERICAN COMMUNITIES AND THEIR PROBLEMS.
4 HOURS.

00467	LECT		9	TU TH	213	G H	STEPHENS
00468	DISC	A	3-5	M	312	D H	
00469	DISC	B	1-3	TU	116	L H	
00470	DISC	C	3-5	W	312	D H	
00471	DISC	D	1-3	TH	116	L H	
00472	DISC	E	3-5	F	312	D H	

ANTH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION E TOPIC: TRIBALISM AND ETHNICITY.
SECTION G TOPIC: EUROPEAN PEASANTRIES.
SECTION H TOPIC: TO BE ANNOUNCED.
SECTION P TOPIC: MUSEUMS FOR EDUCATION.
*SECTION V TOPIC: COMMUNITY DEVELOPMENT.

00473	CONF	E	10-12	TH	113	D H	BRUNER
00475	CONF	G	ARR				SCHILDKROUT
00476	CONF	H	ARR				BUTTERWORTH
00477	CONF	P	1-3	TH	193	D H	MC.GREGOR
00474	CONF	*V	ARR				PELTZ

ANTH 210 FAMILY RELATIONSHIPS.
SAME AS H. EC. 210.
3 HOURS.

00478	LECT	A	11	M W F	12	C D	
00479	LECT	B	1	M W F	12	C D	

ANTH 240 INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 101, 102, OR 143; OR AN INTRODUCTORY LIFE SCIENCES COURSE; OR CONSENT OF INSTRUCTOR.
3 HOURS.

00480	LECT-DISC		10	M W F	119	M M B	GILES

ANTH 246 VERTEBRATE SOCIAL ORGANIZATION.
SAME AS PSYCH., SOC., AND ZOOL. 246.
PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.
3 HOURS.

00481	LECT-DISC		10	M W F	202	H H	BANKS

ANTH 250 INTRODUCTION TO PRIMITIVE TECHNOLOGY.
3 HOURS.

00482	LECT-DISC		10	M W F	253	M E B	LATHRAP

ANTH 261 AFRO-AMERICAN SOCIETIES AND CULTURES.
PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
4 HOURS.

00483	LECT-DISC		11	M W F	242	BEV HALL	WHITTEN
00484	DISC	A	2	TU	405	M H	
00485	DISC	B	11	TH	109A	D H	
00486	DISC	C	2	W	109A	D H	

ANTH 289 INDEPENDENT STUDY COURSE.
MAY NOT BE TAKEN CONCURRENTLY WITH ANTH. 290 OR 291.
PREREQUISITE: JUNIOR OR SENIOR STANDING, TWELVE HOURS IN ANTHROPOLOGY AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

00487	CONF	A	ARR				STAFF

ANTH 290 HONORS COURSE.
MAY NOT BE TAKEN CONCURRENTLY WITH ANTH. 289.
PREREQUISITE: SENIOR STANDING, 4.2 AVERAGE IN ANTHROPOLOGY, AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

00488	CONF	A	ARR				STAFF

ANTH 291 HONORS THESIS.
MAY NOT BE TAKEN CONCURRENTLY WITH ANTH. 289.
PREREQUISITE: SENIOR STANDING, 4.2 AVERAGE IN ANTHROPOLOGY, AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

00489	CONF	A	ARR							STAFF

ANTH 300 INTRODUCTION TO LINGUISTICS.
SAME AS LING. 300.
PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

00490	LECT-DISC	A	2	M	W	F	132	L	H	
00491	LECT-DISC	B	9	M	W	F	221	G	H	

ANTH 315 AREA STUDIES IN ETHNOMUSICOLOGY.
SAME AS MUSIC 317.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 12 HOURS OR 2 UNITS
*3 HOURS OR 1/2 UNIT.
SECTION A TOPIC: MUSIC OF THE MIDDLE EAST.
SECTION B TOPIC: AFRO-AMERICAN RELIGIOUS MUSIC AND BLUES.

00492	LECT-DISC	A	3-5		TH		201	H	A	NETTL
00493	LECT-DISC	B	2	M	W	F	101	H	A	HOCK

ANTH 316 INTRODUCTION TO MUSIC OF THE WORLDS CULTURES.
SAME AS MUSIC 316.
FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC.
PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

00494	LECT-DISC	A	9	M	W	F	104	1203W	NEV	NETTL

ANTH 321 SOCIAL ORGANIZATION AND STRUCTURE.
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00495	LECT-DISC		2-5		TU		159	D	H	ZUIDEMA

ANTH 333 NATIVE CULTURES OF SOUTH AMERICA (ANDEAN).
PREREQUISITE: ANTH. 230 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00496	LECT-DISC		3	M	W	F	209A	D	H	ZUIDEMA

ANTH 341 HUMAN EVOLUTION, II.
SAME AS AN. S. 341.
PREREQUISITE: ANTH. 240, OR AN INTRODUCTORY ZOOLOGY COURSE.
OR CONSENT OF INSTRUCTOR.
*ADDITIONAL WORK WILL BE REQUIRED OF GRADUATE STUDENTS REGISTERING FOR ONE UNIT OF CREDIT IN THIS COURSE.
*3 HOURS, OR 1/2 OR 1 UNIT.

00497	LECT-DISC		2	M	W	F	312	D	H	GILES RASMUSEN

ANTH 347 ETHOLOGY LABORATORY.
SAME AS AN. S. AND ZOOL. 347.
PREREQUISITE: ZOOL., ANTH. OR AN. S. 346 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00498	LAB		10	M	W	F	346	N	H	B SALMON

ANTH 351 ARCHAEOLOGICAL SURVEYING: TECHNIQUES AND APPLICATIONS.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00499	LAB		1-4		TU		64B	L	H	BAREIS

ANTH 355 LABORATORY TECHINQUES IN ARCHAEOLOGY.
PREREQUISITE: ANTH. 101 OR 102, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY RECEIVE CREDIT MORE THAN ONCE IF THE AREA OR PROBLEMS INVOLVED ARE DIFFERENT.
*3 HOURS OR 1 UNIT.

00500	LAB		1-4	M			193	D	H	PETERSON

ANTH 356 PHYSICAL ANTHROPOLOGY.
PREREQUISITE: ANTH. 240, OR A PHSIOLOGY OR ZOOLOGY COURSE IN ANATOMY, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00501	LAB-DISC		9-11	TU	TH		109A	D	H	MC.GREGOR

ANTH 358 PREHISTORY OF THE OLD WORLD: PALEOLITHIC AND MESOLITHIC.
PREREQUISITE: ANTH. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00502 LECT-DISC 1030-12 TU TH 209A D H PETERSON

ANTH 360 PEOPLES OF OCEANIA.
PREREQUISITE: ANTH. 220 OR 230, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00503 LECT-DISC 3 M W F 113 D H ROSS

ANTH 368 PEOPLES AND CULTURES OF INDIA.
PREREQUISITE: ANTH. 168 OR 230, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
00504 LECT-DISC 2 M W F 209A D H GOULD

ANTH 370 LANGUAGE, CULTURE, AND SOCIETY.
SAME AS COMM. AND LING. 370.
PREREQUISITE: ANTH. 230: OR ONE COURSE IN COMMUNICATIONS OR LINGUISTICS, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
00505 LECT-DISC 1030-12 TU TH 253 M E B BRUKMAN

ANTH 372 THE ANTHROPOLOGICAL STUDY OF ART.
PREREQUISITE: THREE HOURS OF ANTHROPOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
00506 LECT-DISC 1 M W F 109A D H LATHRAP

ANTH 374 PROBLEMS IN HUMAN ECOLOGY.
SAME AS GEOG., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374.
PREREQUISITE: ANTH., H. ED., GEOG., PHYSL., SOC., ZOOL., OR V.M.S. 369.
4 HOURS OR 1 UNIT.
*ONE DISC HOUR TO BE ARRANGED.
00507 LECT-DISC *11 M W F 393 BEV HALL
DISC *ARR

ANTH 377 SOCIAL CHANGE IN AFRICA.
PREREQUISITE: ANTH. 367 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00508 LECT-DISC 1030-12 TU TH 312 D H SCHILDKROUT

ANTH 379 MEDICAL ANTHROPOLOGY: THE CULTURE OF HEALTH AND ILLNESS.
PREREQUISITE: ANTH. 230 OR 260, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00509 LECT-DISC 9 M W F 209A D H CUNNINGHAM

ANTH 380 APPLIED ANTHROPOLOGY.
PREREQUISITE: ANTH. 230, 260, OR 280: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00510 LECT-DISC 1-230 TU TH 312 D H PELTZ

ANTH 383 JAPANESE CULTURE.
PREREQUISITE: ANTH. 230, OR A COURSE IN EAST ASIAN HISTORY, OR CONSENT OF INSTRUCTOR
3 HOURS OR 1 UNIT.
00511 LECT-DISC 9-1030 TU TH 209A D H PLATH

ANTH 384 TRADITIONAL CHINESE SOCIAL ORGANIZATION.
PREREQUISITE: ANTH. 230, OR A COURSE IN EAST ASIAN HISTORY, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
00512 LECT-DISC 1030-12 TU TH 313 D H CRISSMAN

ANTH 385 ANTHROPOLOGY OF EDUCATION.
SAME AS HP. ED. 385.
PREREQUISITE: COURSE IN ANTHROPOLOGY OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.
00513 LECT-DISC A 1-230 M W 382 EDUC

ANTH 386 PEOPLES AND CULTURES OF MAINLAND SOUTHEAST ASIA.
PREREQUISITE: ANTH. 220 OR 230. OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

00514	LECT-DISC		11	M W F	209A D H	LEHMAN

ANTH 443 PROBLEMS IN PRIMATE BEHAVIOR AND ECOLOGY.
SAME AS ZOOL. 443.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ADDITIONAL CREDIT.
*1 UNIT.

00515	CONF		ARR			KLEIN

ANTH 450 SEMINAR IN ANTHROPOLOGY.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.
*SECTION A: CONTEMPORARY PERSPECTIVES ON CULTURE AND PERSONALITY.
*SECTION B: THEORIES OF CULTURAL EVALUATION.
*SECTION D: TO BE ANNOUNCED.
*SECTION E: CONTEMPORARY INDONESIA.
*SECTION G: EUROPEAN PEASANTRIES.
*SECTION J: SIMULATION OF THE CULTURE-HISTORICAL PROCESS.
*SECTION M: CHANGE IN LATIN AMERICAN COMMUNITIES.
SECTION P: MUSEUMS FOR EDUCATION.
SECTION V: COMMUNITY DEVELOPMENT.

00517	CONF	*A	ARR				BRUKMAN
00516	CONF	B	ARR				STEPHENS
00518	CONF	*D	ARR				LEHMAN
00519	CONF	*E	1-3	TU	209A	D H	BRUNER
00520	CONF	*G	ARR				SCHILCKROUT
00521	CONF	*J	ARR				LATHRAP
00524	CONF	M	3-5	TU	204	H H	WHITTEN
00522	CONF	P	1-3	TH	193	D H	MC.GREGOR
00523	CONF	V	ARR				PELTZ

ANTH 460 THEORIES AND METHODS IN ANTHROPOLOGY.
1 UNIT.

00525	CONF		730-930PM	W	109A D H	CASAGRANDE

ANTH 463 SEMINAR ON FIELD METHODS AND RESEARCH DESIGNS IN CULTURAL ANTHROPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

00526	LAB-DISC		1-4	TU	313 D H	BUTTERWORTH

ANTH 489 READINGS IN ANTHROPOLOGY.
PREREQUISITE: ONE SEMESTER OF GRADUATE WORK IN ANTHROPOLOGY; CONSENT OF ADVISER.
1/2 OR 1 UNIT.

00527	CONF	A	ARR			STAFF

ANTH 490 INDIVIDUAL TOPICS IN ANTHROPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 4 UNITS.

00528	CONF	A	ARR			STAFF

ANTH 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A IS FOR MASTERS THESIS AND SECTION B IS FOR DOCTORS THESIS.

00529	CONF	*A	ARR			STAFF
00530	CONF	*B	ARR			STAFF

ARABIC

DEPARTMENT OFFICE 309H D H

ARAB 202 ELEMENTARY ARABIC. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISITE: ARAB. 201.
5 HOURS.
OPEN TO FRESHMEN.

00531	LECT-DISC		10	MTUW	F	374	L H	MAHMOUD

ARAB 304 INTERMEDIATE ARABIC. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: ARAB. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

00532	LECT-DISC		11	MTUW	F	374	L H	MAHMOUD

ARCHITECTURE

DEPARTMENT OFFICE 106 ARCH

IN THE CURRICULUM IN ARCHITECTURE, NORMAL COURSE PROGRESS IN SEQUENCE IS IMPERATIVE. STUDENTS FAILING TO COMPLETE ANY REQUIRED COURSE MORE THAN ONE SEMESTER LATER THAN THE TIME DESIGNATED IN THE CURRICULUM. ARE PROHIBITED FROM PROGRESSIVE REGISTRATION IN ARCHITECTURAL COURSES UNTIL THE DEFICIENCY IS CORRECTED.

ARCH 171 BASIC DESIGN STUDIO. I.
PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 100 OR CONSENT OF DEPARTMENT.
3 HOURS.

00533	LAB	A	8-10	MTUWTHF		206	F A B	STAFF

ARCH 172 BASIC DESIGN STUDIO. II.
PREREQUISITE: ARCH. 171.
3 HOURS.
*SECTIONS A AND B FOR ARCHITECTURE STUDENTS ONLY.
*SECTION R IS FOR URBAN PLANNING STUDENTS ONLY.
*SECTIONS S AND T FOR LANDSCAPE ARCHITECTURE STUDENTS ONLY.

00534	LAB	*A	8-10	MTUWTHF		206	F A B	STAFF
00535	LAB	*B	10-12	MTUWTHF		206	F A B	STAFF
00536	LAB	*R	10-12	MTUWTHF		206	F A B	STAFF
00537	LAB	*S	8-10	MTUWTHF		206	F A B	STAFF
00538	LAB	*T	10-12	MTUWTHF		206	F A B	STAFF

ARCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00539	CONF	F	ARR					FOREIGN

ARCH 200 SENIOR HONORS IN ARCHITECTURE.
FOR CANDIDATES FOR HONORS IN ARCHITECTURE.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE, A UNIVERSITY GRADE-POINT AVERAGE OF 4.0 OR, IN SPECIAL CASES, APPROVAL BY THE HEAD OF THE DEPARTMENT.
*STUDENTS MAY ACCUMULATE 6 HOURS WITH APPROVAL OF HEAD OF DEPARTMENT.
*3 HOURS.

00540	CONF	&CU	ARR					STAFF
00541	CONF	&F	ARR					FOREIGN

ARCH 211 INTRODUCTION TO ANCIENT AND MEDIEVAL ARCHITECTURE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

00542	LECT	A	11	M W	F	301	ARCH	FOSS

ARCH 212 INTRODUCTION TO RENAISSANCE AND MODERN ARCHITECTURE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

00543	LECT	A	1	M W F	120	ARCH	STAFF
00544	LECT	B	3	M W F	120	ARCH	STAFF

ARCH 220 INTRODUCTION TO ARCHITECTURAL THEORY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

00545	CONF	A	ARR				SMITH

ARCH 231 ARCHITECTURAL CONSTRUCTION. I.
4 HOURS.

00546	LECT	A	8-10	M W	302	ARCH	LEWIS

ARCH 232 ARCHITECTURAL CONSTRUCTION. II.
PREREQUISITE: ARCH. 231.
3 HOURS.

00547	LECT	A	8	M F	66	LIB	MOYER
	LAB	A	9-11	M W F	300	ARCH	STAFF

ARCH 235 ARCHITECTURAL DESIGN. VI.
PREREQUISITE: ARCH. 234.
5 HOURS.

00548	LAB	A	1-4	MTUWTHF	200	ARCH	STAFF

ARCH 236 ARCHITECTURAL DESIGN. VII.
PREREQUISITE: ARCH. 235.
5 HOURS.

00549	LAB	A	1-4	MTUWTHF	200	ARCH	STAFF
00550	LAB	F	ARR				FOREIGN

ARCH 241 ENVIRONMENTAL TECHNOLOGY. I.
PREREQUISITE: ARCH. 232 OR CONSENT OF INSTRUCTOR.
4 HOURS.

00551	LECT-DISC	A	11	MTUWTH	213	G H	BORNER

ARCH 246 THEORY OF STRUCTURAL DESIGN.
PREREQUISITE: ARCH. 245.
3 HOURS.

00552	LECT	A	8	M W F	100	ARCH	LEFFERS
		A	9	W	100	ARCH	LEFFERS
	LAB	A	9-11	M F	100	ARCH	LEFFERS

ARCH 247 STRUCTURAL PLANNING.
PREREQUISITE: ARCH. 257.
3 HOURS.

00553	LECT	A	11	M W F	302	ARCH	SIMON
00554	LECT	F	ARR				FOREIGN

ARCH 251 STATICS AND DYNAMICS.
PREREQUISITE: MATH. 130. 135; L. A. S. 141. 142.
4 HOURS.

00555	LECT	A	1-3	TU TH	120	ARCH	STAFF
	LAB	A	1-3	W F	100	ARCH	STAFF

ARCH 252 STRENGTH OF MATERIALS AND DESIGN APPLICATIONS.
PREREQUISITE: ARCH. 251.
4 HOURS.

00556	LECT	A	8-10	TU TH	120	ARCH	STAFF
	LAB	A	10-12	TU TH	100	ARCH	STAFF
00557	LECT	B	10-12	TU TH	120	ARCH	STAFF
	LAB	B	8-10	TU TH	100	ARCH	STAFF

ARCH 256 BUILDING SANITATION AND ARCHITECTURAL ACOUSTICS.
PREREQUISITE: JUNIOR STANDING IN ARCHITECTURE.
2 HOURS.

00558	LECT	A	4	M W	141	COM W	MOYER

ARCH 257 REINFORCED CONCRETE THEORY.
PREREQUISITE: ARCH. 246.
3 HOURS.

00559	LECT	A	8	M	W	F	100	ARCH	BRIGHTBILL
00560	LECT	B	10	M	W	F	301	ARCH	BRIGHTBILL
00561	LECT	F	ARR						FOREIGN

ARCH 271 BASIC DESIGN STUDIO. III.
PREREQUISITE: ARCH. 172.
3 HOURS.
*SECTION X FOR APPROVED JUNIOR COLLEGE TRANSFER STUDENTS (TAKE ARCH. 272 SECTION X CONCURRENTLY).

00562	LAB	D	3-5	MTUWTHF	206	F	A	B	STAFF
00563	LAB	*X	1-5	MTUWTHF	206	F	A	B	STAFF

ARCH 272 BASIC DESIGN STUDIO. IV.
PREREQUISITE: ARCH. 271.
3 HOURS.
*SECTION X FOR APPROVED JUNIOR COLLEGE TRANSFER STUDENTS (TAKE ARCH. 271 SECTION X CONCURRENTLY).

00564	LAB	C	1-3	MTUWTHF	206	F	A	B	STAFF
00565	LAB	D	3-5	MTUWTHF	206	F	A	B	STAFF
00566	LAB	*X	1-5	MTUWTHF	206	F	A	B	STAFF

ARCH 283 ARCHITECTURAL PRACTICE.
PREREQUISITE: FIFTH YEAR STANDING IN ARCHITECTURE.
2 HOURS.

00567	LECT	A	8	M	W	120	ARCH	CLAYTON

ARCH 300 INDEPENDENT STUDIES IN URBAN DESIGN.
PREREQUISITE: ONE YEAR OF HISTORY OF ARCHITECTURE. OR HISTORY OF ART AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00568	CONF	F	ARR	FOREIGN

ARCH 310 ANCIENT CLASSICAL ARCHITECTURE.
PREREQUISITE: ARCH. 211 AND 212. OR ART 111 AND 112. OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00569	LECT	A	4	M	W	F	301	ARCH	FOSS

ARCH 312 GOTHIC ARCHITECTURE.
PREREQUISITE: ARCH. 211 AND 212. OR ART 111 AND 112. OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00570	LECT	A	10	M	W	F	120	ARCH	STAFF

ARCH 316 ARCHITECTURE OF THE NINETEENTH AND TWENTIETH CENTURIES.
PREREQUISITE: ARCH. 211 AND 212. OR ART 111 AND 112. OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00571	LECT	A	4	M	W	F	120	ARCH	CREESE

ARCH 317 THE DEVELOPMENT OF CONTEMPORARY ARCHITECTURAL THOUGHT.
PREREQUISITE: ARCH. 211 AND 212. OR ART 111 AND 112. AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00572	LECT-DISC	A	4-530	TU	TH	403E ARCH	CREESE
00573	LECT-DISC	F	ARR				FOREIGN

ARCH 323 SOCIAL AND BEHAVIORAL FACTORS FOR DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00574	CONF	A	4-530	M	W	ARR	KESNER

ARCH 326 IMPACT OF TECHNOLOGY ON DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00575	CONF	A	4-530	TU	TH	ARR	WHITE

ARCH 337 ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 236, SENIOR STANDING IN ARCHITECTURE.
7 HOURS OR 2 UNITS.

00576	LAB	A	1-5	MTUWTHF	310	ARCH	STAFF
00577	LAB	F	ARR				FOREIGN

ARCH 338 ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 337.
7 HOURS OR 2 UNITS.

00578	LAB	A	1-5	MTUWTHF	210	ARCH	STAFF

ARCH 344 DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENTS.
PREREQUISITE: ARCH. 242 AND 246.
2 HOURS.
*SECTION A FOR GENERAL OPTION STUDENTS.
*SECTION B FOR ENGINEERING OPTION STUDENTS.

00579	LAB	*A	9-12	TU TH	410	ARCH	STAFF
00580	LAB	*B	9-12	TU TH	410	ARCH	STAFF

ARCH 347 THEORY OF STRUCTURES.
PREREQUISITE: ARCH. 257 AND MATH. 142.
5 HOURS OR 1 1/2 UNITS.

00581	LECT-DISC	A	8	MTUWTHF	301	ARCH	HORNBEAK
	LAB	A	9-11	M W F	100	ARCH	HORNBEAK

ARCH 348 ADVANCED STRUCTURES.
PREREQUISITE: ARCH. 347, CREDIT OR REGISTRATION IN ARCH. 358.
5 HOURS OR 1 1/2 UNITS.

00582	LECT-DISC	A	1-3	M W F	301	ARCH	COY
	LAB	A	3-5	M W	100	ARCH	COY
		A	3	F	100	ARCH	COY

ARCH 358 ADVANCED REINFORCED CONCRETE.
PREREQUISITE: ARCH. 247, CREDIT OR REGISTRATION IN ARCH. 348.
3 HOURS OR 1 UNIT.

00583	LECT-DISC	A	1-3	TU TH	301	ARCH	STAFF
	LAB	A	3	TU TH	100	ARCH	STAFF

ARCH 379 URBAN HOUSING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

00584	LECT-DISC	A	1-3	M	302	ARCH	JONES

ARCH 432 ARCHITECTURAL CRITICISM.
PREREQUISITE: ARCH. 431 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

00585	LECT-DISC	A	4-6	W	403E	ARCH	FRANCESCATO

ARCH 435 ADVANCED ARCHITECTURAL DESIGN.
PREREQUISITE: BACHELOR'S DEGREE IN ARCHITECTURE (GENERAL OPTION) OFFERED BY THE UNIVERSITY OF ILLINOIS OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.

00586	LAB	A	*1	MTUWTHF	403A	ARCH	STAFF

ARCH 452 ADVANCED THEORY AND DESIGN OF STEEL STRUCTURES.
PREREQUISITE: ARCH. 348 OR CONSENT OF INSTRUCTOR.
1 UNIT.

00587	LECT-DISC	A	8-10	M W	20A	ARCH	SCHOUSBOE

ARCH 454 ADVANCED STRUCTURAL DESIGN IN REINFORCED CONCRETE.
PREREQUISITE: ARCH. 358 OR CONSENT OF INSTRUCTOR.
1 UNIT.

00588	LECT-DISC	A	10-12	M W	20A	ARCH	SIMON

ARCH 456 MATRIX METHODS OF STRUCTURAL ANALYSIS.
PREREQUISITE: C. S. 101 AND ARCH. 347, OR CONSENT OF INSTRUCTOR.
1 UNIT.

00589	LECT-DISC	A	1	M W F	100	ARCH	HORNBEAK

ARCH 481 ARCHITECTURAL PRACTICE AND THE CONSTRUCTION INDUSTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
MAY BE TAKEN CONCURRENTLY WITH ARCH 491.

00590	LECT-DISC	A	4-6	M	403E	ARCH	LEWIS

ARCH 491 SPECIAL PROBLEMS IN ARCHITECTURAL ADMINISTRATION AND BUILDING CONSTRUCTION.
PREREQUISITE: CREDIT OR REGISTRATION IN ARCH. 481.
1/2 TO 2 UNITS.

00591	CONF	A	ARR				LEWIS

ARCH 493 SPECIAL PROBLEMS IN STRUCTURAL THEORY AND DESIGN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 4 UNITS.
*SECTION F: FOUNDATIONS.
*SECTION L: ARCHITECTURAL RESEARCH LABORATORY.
*SECTION PD: PLASTIC DESIGN.
*SECTION PS: PRE-STRESS.
*SECTION R: RESEARCH.

00592	LECT-DISC	*F	8-10	TU TH	20A	ARCH	SCHOUSBOE
00593	LECT-DISC	*PS	10-12	TU TH	20A	ARCH	SIMON
00594	LECT-DISC	*R	2-4	MTUWTH	100	ARCH	STAFF

ARCH 494 SPECIAL PROBLEMS IN ARCHITECTURAL DESIGN.
PREREQUISITE: ARCH. 435 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
*SECTION R: SPECIAL RESEARCH.
*SECTION S: DESIGN STUDIO.
*SECTION B: BUILDING SYSTEMS.

00596	CONF	*R	ARR		403E	ARCH	WHITE
00597	LAB	*S	ARR		403	ARCH	FASH
00595	CONF	*B	ARR				FRANCESCATO & TRIESCHMANN

ARCH 496 SPECIAL PROBLEMS IN ARCHITECTURAL HISTORY.
PREREQUISITE: 12 HOURS OF ARCHITECTURAL HISTORY OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

00598	CONF	A	ARR				CREESE,STAFF

ARMY ROTC--SEE MILITARY SCIENCE

ART

DEPARTMENT OFFICE 143 F A B

COURSES IN ART APPRECIATION AND THE HISTORY OF ART

ART 112 INTRODUCTION TO RENAISSANCE AND MODERN ART.
PREREQUISITE: ART 111 OR CONSENT OF INSTRUCTOR FOR ART STUDENTS.
3 HOURS.
*SECTION &1 IS AN HONORS SECTION.

00599	LECT	A	1	M	W	F	L H	THEATRE	PINNELL
00619	DISC	*&1	9			TH	132	L H	
00600	DISC	2	8			TH	207	F A B	
00601	DISC	3	1			TH	317	D K H	
00602	DISC	4	1			TH	207	F A B	
00603	DISC	5	8			F	207	F A B	
00604	DISC	6	9			F	91	COM W	
00605	DISC	7	9			F	207	F A B	
00606	DISC	8	11			F	207	F A B	
00607	DISC	9	12		W		207	F A B	
00608	DISC	10	9		W		207	F A B	
00609	DISC	11	12			TH	207	F A B	
00610	DISC	12	10		W		8	COM W	
00611	DISC	13	11		W		207	F A B	

ART 112 CONTINUED

00612	DISC	14	2	F	207	F A B		
00613	DISC	15	3	F	207	F A B		
00614	DISC	16	10	TH	132	L H		
00615	DISC	17	11	TH	132	L H		
00616	DISC	18	8	W	207	F A B		
00617	DISC	19	11	F	8	COM W		
00618	DISC	20	2	F	8	COM W		

ART 115 ART APPRECIATION.
PRIMARILY FOR NON-ART STUDENTS.
3 HOURS.

00620	LECT	A	3	M W F	62	K M		MORGAN

ART 116 MASTERPIECES OF ART.
2 HOURS.

00621	LECT	A	2	TU TH	114	D K H		STRASBURGER

ART 209 JAPANESE ARTS WORKSHOP.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

00622	LAB	A	2-5	TU TH	107	F A B		SATO

ART 218 HELLENISTIC, ROMAN, AND BYZANTINE ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

00623	LECT	A	11-1230	TU TH	302	ARCH		PERKINS

ART 220 NORTHERN RENAISSANCE ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

00624	LECT	A	12	M W F	62	K M		FEHL

ART 303 ART OF THE EASTERN AND WESTERN ROMAN EMPIRE.
PREREQUISITE: ART 218 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00625	LECT	A	230-4	TU TH	401	ARCH		PERKINS

ART 309 GOTHIC ART.
PREREQUISITE: ONE YEAR OF ART HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00626	LECT	A	9	M W F	120	ARCH		RAE

ART 312 THE ART NOUVEAU IN EUROPE.
PREREQUISITE: ART 321, OR ONE 300-LEVEL COURSE IN NINETEENTH-CENTURY ART OR ARCHITECTURE.
3 HOURS OR 3/4 UNIT.

00627	LECT	A	10	M W F	302	ARCH		FRANCISCONO

ART 313 PROBLEMS IN ITALIAN RENAISSANCE ART.
PREREQUISITE: ART 219 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00628	LECT	A	3	M W F	302	ARCH		FEHL

ART 322 TWENTIETH CENTURY ART--1925 TO DATE.
PREREQUISITE: ONE YEAR IN THE HISTORY OF ART OR CONSENT OF THE INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00629	LECT	A	8	M W F	62	K M		FRANCISCONO

ART 324 AMERICAN ART, 1840 TO 1900.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00630	LECT	A	1	M W F	62	K M		MORGAN

ART 330 OCEANIC ART.
PREREQUISITE: ONE YEAR OF HISTORY OF ART OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00631	LAB	A	4	M W F	302	ARCH		GLAZE

ART 336 REALISM TO POST-IMPRESSIONISM.
PREREQUISITE: ART 221 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

00632	LECT	A	11	M W F	62	K M		ZIFF

STUDIO COURSES PRIMARILY FOR NON-ART STUDENTS

ART 105 INTRODUCTION TO WATER COLOR PAINTING.
NOT OPEN TO STUDENTS MAJORING IN ART.
*STUDENTS MAY ACCUMULATE FOUR HOURS CREDIT.
*2 HOURS.

00633	LAB	A	9-12	M F	106	F A B	
00634	LAB	B	9-12	TU TH	235	F A B	
00635	LAB	C	2-5	TU TH	235	F A B	

ART 107 ELEMENTARY DRAWING.
FOR STUDENTS NOT MAJORING IN ART.
*STUDENTS MAY ACCUMULATE FOUR HOURS.
*2 HOURS.

00636	LAB	A	2-5	TU TH	384	ARMORY	
00637	LAB	B	2-5	TU TH	219	F A B	
00638	LAB	C	2-5	M F	219	F A B	

ART 123 FUNDAMENTALS OF DRAFTING AND DRAWING.
PRIMARILY FOR STUDENTS IN OCCUPATIONAL THERAPY AND HOME ECONOMICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

00639	LAB	A	2-5	M W F	237	F A B	

ART 185 DESIGN. I.
FOR NON-ART MAJORS.
2 HOURS.

00640	LAB	A	10-12	M W F	155	ARMORY	
00641	LAB	B	9-12	TU TH	155	ARMORY	
00642	LAB	C	3-5	M W F	155	ARMORY	
00643	LAB	D	7-10PM	TU TH	155	ARMORY	
00644	LAB	E	8-10	M W F	155	ARMORY	

ART 186 DESIGN. II.
FOR NON-ART MAJORS.
PREREQUISITE: ART 185.
2 HOURS.

00645	LAB	A	2-5	TU TH	155	ARMORY	
00646	LAB	B	1-3	M W F	155	ARMORY	

ART 188 INDIVIDUAL PROJECTS.
NOT OPEN TO STUDENTS MAJORING IN ART.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS.
*2 TO 4 HOURS.

00647	LAB-DISC	A	ARR		139B	F A B	

ART 114 ORIENTATION TO ART. II.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: CONCURRENT REGISTRATION IN ONE OF ART 117, 118, 119, OR 120, OR CONSENT OF INSTRUCTOR.
1 HOUR.

00648	LECT	A	4	TU	112	G H

ART 117 DRAWING. I.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
3 HOURS.

00649	LAB	A	9-12	M F	370	ARMORY
00650	LAB	B	2-5	M F	370	ARMORY

ART 118 DRAWING. II.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: ART 117.
3 HOURS.

00651	LAB	A	9-12	M F	372	ARMORY
00652	LAB	B	9-12	TU TH	372	ARMORY
00653	LAB	C	9-12	M F	384	ARMORY
00654	LAB	D	9-12	TU TH	384	ARMORY
00655	LAB	E	2-5	M F	372	ARMORY
00656	LAB	F	1-4	TU TH	372	ARMORY
00657	LAB	G	2-5	M F	384	ARMORY
00658	LAB	H	1-4	TU TH	370	ARMORY

ART 119 DESIGN. I.
OPEN ONLY TO STUDENTS IN THE COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
3 HOURS.

00659	LAB	A	9-12	TU TH	247	ARMORY
00660	LAB	B	1-4	TU TH	247	ARMORY

ART 120 DESIGN. II.
OPEN ONLY TO STUDENTS IN COLLEGE OF FINE AND APPLIED ARTS AND IN HOME ECONOMICS OPTION 1.
PREREQUISITE: ART 119.
3 HOURS.

00661	LAB	A	9-12	M F	386	ARMORY
00662	LAB	B	9-12	TU TH	386	ARMORY
00663	LAB	C	2-5	M F	386	ARMORY
00664	LAB	D	1-4	TU TH	386	ARMORY
00665	LAB	E	2-5	M F	247	ARMORY
00666	LAB	F	9-12	M F	247	ARMORY
00667	LAB	G	9-12	TU TH	106	F A B
00668	LAB	H	9-12	W	247	ARMORY
		H	2-5	W	247	ARMORY

ART 121 DRAWING THEORY.
2 HOURS.

00669	LAB	A	9-12	TU TH	237	F A B

ART 122 DRAWING THEORY.
PREREQUISITE: ART 121.
2 HOURS.

00670	LAB	A	1-4	TU TH	237	F A B

ART 125 LIFE DRAWING. I.
PREREQUISITE: ART 113, 114 AND 118.
2 HOURS.

00671	LAB	A	9-12	M F	219	F A B
00672	LAB	B	9-12	TU TH	219	F A B
00673	LAB	C	2-5	M F	236	F A B
00674	LAB	D	2-5	TU TH	236	F A B
00675	LAB	E	9-12	W	236	F A B
		E	2-5	W	236	F A B
00676	LAB	F	7-10PM	TU TH	219	F A B

ART 126 LIFE DRAWING. II.
PREREQUISITE: ART 125.
2 HOURS.

00677	LAB	A	9-12	M	F	219	F A B
00678	LAB	B	9-12	TU TH		219	F A B
00679	LAB	C	2-5	M	F	240	F A B
00680	LAB	D	2-5	TU TH		240	F A B
00681	LAB	F	9-12	W		240	F A B
		E	2-5	W		240	F A B
00682	LAB	F	7-10PM	TU TH		219	F A B

ART 129 ANATOMY. I.
PREREQUISITE: ART 118.
2 HOURS.

00683	LAB	A	9-12	M	F	236	F A B

ART 130 ANATOMY. II.
PREREQUISITE: ART 129.
2 HOURS.

00684	LAB	A	9-12	M	F	240	F A B

ART 131 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 113. 114. 118. 120. AND 122.
2 HOURS.

00685	LAB	A	9-12	M	F	9	F A B
00686	LAB	B	2-5	M	F	9	F A B

ART 132 ELEMENTARY COMPOSITION.
PREREQUISITE: ART 131.
2 HOURS.

00687	LAB	A	9-12	TU TH		209	F A B
00688	LAB	B	9-12	M	F	209	F A B
00689	LAB	C	2-5	M	F	209	F A B
00690	LAB	D	2-5	TU TH		9	F A B
00691	LAB	F	9-12	TU TH		9	F A B

ART 133 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 118. 120. AND 122. OR CONSENT OF INSTRUCTOR.
3 HOURS.
*3 HOURS TO BE ARRANGED.

00692	LAB	A	*9-12	M	F	32	F A B
00693	LAB	B	*9-12	TU TH		32	F A B

ART 134 DESIGN WORKSHOP.
PRIMARILY FOR STUDENTS IN INDUSTRIAL DESIGN CURRICULUM.
PREREQUISITE: ART 133.
3 HOURS.
*3 HOURS TO BE ARRANGED.

00694	LAB	A	*9-12	M	F	32	F A B
00695	LAB	B	*9-12	TU TH		32	F A B

ART 141 STILL LIFE. I.
PREREQUISITE: FRESHMAN STANDING IN ART.
2 HOURS.

00696	LAB	A	9-12	M	F	336	F A B
00697	LAB	B	9-12	TU TH		336	F A B
00698	LAB	C	2-5	M	F	336	F A B
00699	LAB	D	2-5	TU TH		336	F A B
00700	LAB	E	7-10PM	TU TH		336	F A B

ART 142 STILL LIFE. II.
PREREQUISITE: ART 141.
2 HOURS.

00701	LAB	A	9-12	M	F	338	F A B
00702	LAB	B	9-12	TU TH		338	F A B
00703	LAB	C	2-5	M	F	338	F A B
00704	LAB	D	2-5	TU TH		338	F A B
00705	LAB	E	7-10PM	TU TH		338	F A B

ART 151 SCULPTURE, I.
PREREQUISITE: ART 118, 120, 122 OR ARCH. 234.
2 HOURS.
*SECTION C OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM.

00706	LAB	A	9-12	M	F	25	F A B	
00707	LAB	B	9-12	TU TH		25	F A B	
00710	LAB	*C	9-12	W		25	F A B	
		*C	2-5	W		25	F A B	
00708	LAB	D	7-10PM	M	F	25	F A B	
00709	LAB	E	7-10PM	TU TH		25	F A B	

ART 152 SCULPTURE, II.
PREREQUISITE: ART 151.
2 HOURS.

00711	LAB	A	2-5	M	F	25	F A B	
00712	LAB	B	2-5	TU TH		25	F A B	

ART 160 GRAPHIC DESIGN SKILLS, II.
PREREQUISITE: SOPHOMORE STANDING IN GRAPHIC DESIGN CURRICULUM OR CONSENT OF INSTRUCTOR.
2 HOURS.

00713	LAB	A	2-5	TU TH		319	F A B	
		A	2-5	TU TH		311	F A B	
		A	2-5	TU TH		245	F A B	

ART 161 CALLIGRAPHIC DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS.

00714	LAB	A	9-12	TU TH		327	F A B	
00715	LAB	B	7-10PM	TU TH		245	F A B	

ART 162 LETTERFORM DESIGN.
PREREQUISITE: SOPHOMORE STANDING IN ART.
2 HOURS.

00716	LAB	A	7-10PM	TU TH		327	F A B	
00717	LAB	B	2-5	M	F	327	F A B	

ART 190 RECREATIONAL CRAFTS, I.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
*2 HOURS.

00718	LAB	A	10-12	M W F		107	F A B	

ART 191 RECREATIONAL CRAFTS, II.
PRIMARILY FOR RECREATION MAJORS IN PHYSICAL EDUCATION.
PREREQUISITE: ART 190.
2 HOURS.

00719	LAB	A	10-12	M W F		107	F A B	

ART 192 METALWORK AND JEWELRY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION D OPEN ONLY TO NON-ART STUDENTS.

00720	LAB	A	9-12	M	F	24	D K H	
00721	LAB	B	2-5	M	F	24	D K H	
00722	LAB	C	2-5	TU TH		24	D K H	
00723	LAB	*D	7-10PM	TU TH		24	D K H	

ART 193 METALWORK AND JEWELRY, II.
PREREQUISITE: ART 192.
2 HOURS.

00724	LAB	A	9-12	TU TH		24	D K H	

ART 194 POTTERY, I.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A OPEN ONLY TO NON-ART STUDENTS.
*SECTIONS B AND D OPEN ONLY TO STUDENTS IN ART EDUCATION CURRICULUM AND OCCUPATIONAL THERAPY.
*SECTION C OPEN ONLY TO ART STUDENTS.

00726	LAB	*A	9-12	TU TH		152	N E L	FRITH & STAFF
00727	LAB	*B	2-5	M	F	152	N E L	
00729	LAB	*C	2-5	TU TH		152	N E L	
00728	LAB	*D	7-10PM	TU TH		152	N E L	
00725	LAB	E	7-10PM	M	F	152	N E L	

ART 195 POTTERY. II.
PREREQUISITE: ART 194.
2 HOURS.

00730	LAB	A	2-5	W	152	N E L
		A	7-10PM	W	152	N E L

ART 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

00731	CONF	A	ARR	139B	F A B

ART 200 SENIOR HONORS IN ART.
PREREQUISITE: SENIOR STANDING IN ART. UNIVERSITY GRADE POINT AVERAGE OF 4.00. AND APPROVAL OF CURRICULUM ADVISOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 5 HOURS
*2 TO 5 HOURS.

00732	LAB-DISC	GA	ARR	139B	F A B

ART 201 WATER COLOR. I.
PREREQUISITE: ART 118 AND 120.
2 HOURS.

00733	LAB	A	2-5	TU TH	209	F A B

ART 202 WATER COLOR. II.
PREREQUISITE: ART 201.
2 HOURS.

00734	LAB	A	2-5	TU TH	209	F A B

ART 203 ART EDUCATION LABORATORY.
FOR NON-ART STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
CREDIT IS NOT GIVEN FOR BOTH ART 190 AND ART 203.
2 HOURS.

00735	LAB	A	8-10	M W F	107	F A B
00736	LAB	B	1-3	M W F	106	F A B
00737	LAB	C	3-5	M W F	106	F A B
00738	LAB	D	9-12	TU TH	107	F A B
00739	LAB	E	3-5	M W F	107	F A B
00740	LAB	F	7-10PM	TU TH	107	F A B

ART 204 ART EDUCATION LABORATORY.
PREREQUISITE: ART 132 OR JUNIOR STANDING.
2 HOURS.

00741	LAB	A	2-5	TU TH	106	F A B

ART 206 CREATIVE ART FOR CHILDREN.
PREREQUISITE: JUNIOR STANDING IN ART EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS.
*1 HOUR TO BE ARRANGED.

00744	LECT	D	*4	W	133	F A B
00742	LAB	A	8-10	S	106	F A B
		A	8-10	S	107	F A B
00743	LAB	B	10-12	S	106	F A B
		B	10-12	S	107	F A B

ART 208 ORGANIZATION OF PUBLIC SCHOOL ART PROGRAMS.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS.

00745	LECT	A	8	M W F	133	F A B

ART 215 BASIC PHOTOGRAPHY. I.
AVERAGE COST TO A STUDENT IS $100 PLUS THE COST OF THE REQUIRED 2 1/4 X 2 1/4 CAMERA ($40 TO $75).
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
3 HOURS.
*THREE HOURS TO BE ARRANGED

00746	LAB	A	*8-10	M W F	335	F A B
00747	LAB	B	*9-12	TU TH	335	F A B
00748	LAB	C	*7-10PM	TU TH	335	F A B
00749	LAB	D	*3-5	M W F	335	F A B
00750	LAB	E	*7-10PM	TU TH	339	F A B

ART 216 BASIC PHOTOGRAPHY. II.
COST TO STUDENTS AVERAGES $100.
PREREQUISITE: ART 215.
*STUDENTS MAY ACCUMULATE 6 HOURS WITH CONSENT OF INSTRUCTOR.
*3 HOURS.
IT IS RECOMMENDED THAT ART 216 BE TAKEN NO LATER THAN ONE SEMESTER AFTER COMPLETION OF ART 215.
SECTION C OPEN ONLY TO STUDENTS REPEATING ART 216
THREE HOURS TO BE ARRANGED.

00751	LAB	A	10-12	M W F	335	F A B
00752	LAB	B	2-5	TU TH	335	F A B
00753	LAB	C	ARR		132	F A B

ART 225 INTERMEDIATE DRAWING. I.
PREREQUISITE: JUNIOR STANDING IN ART.
2 HOURS.

00754	LAB	A	9-12	TU TH	236	F A B
00755	LAB	B	7-10PM	TU TH	236	F A B

ART 226 INTERMEDIATE DRAWING. II.
PREREQUISITE: ART 225.
2 HOURS.

00756	LAB	A	9-12	TU TH	240	F A B
00757	LAB	B	7-10PM	TU TH	240	F A B

ART 231 INTERMEDIATE COMPOSITION. I.
PREREQUISITE: ART 132.
3 HOURS.

00758	LAB	A	9-12	M W F	324	F A B
00759	LAB	B	2-5	M W F	324	F A B

ART 232 INTERMEDIATE COMPOSITION. II.
PREREQUISITE: ART 231.
3 HOURS.

00760	LAB	A	9-12	M W F	324	F A B
00761	LAB	B	2-5	M W F	324	F A B

ART 233 ADVANCED COMPOSITION. I.
PREREQUISITE: ART 232.
3 HOURS.

00762	LAB	A	9-12	TU TH	308	F A B
		A	2-5	W	308	F A B
00763	LAB	B	9-12	TU TH	318	F A B
		B	2-5	W	318	F A B

ART 234 ADVANCED COMPOSITION. II.
PREREQUISITE: ART 233.
3 HOURS.

00764	LAB	A	9-12	TU TH	308	F A B
		A	2-5	W	308	F A B
00765	LAB	B	9-12	TU TH	318	F A B
		B	2-5	W	318	F A B

ART 243 FIGURE PAINTING. I.
PREREQUISITE: JUNIOR STANDING IN ART.
2 HOURS.

00766	LAB	A	9-12	TU TH	324	F A B
00767	LAB	B	2-5	TU TH	324	F A B
00768	LAB	C	7-10PM	TU TH	324	F A B

ART 244 FIGURE PAINTING. II.
PREREQUISITE: ART 243.
2 HOURS.

00769	LAB	A	9-12	TU TH	324	F A B
00770	LAB	B	2-5	TU TH	324	F A B
00771	LAB	C	7-10PM	TU TH	324	F A B

ART 245 ADVANCED PAINTING AND DRAWING. I.
PREREQUISITE: ART 226 AND 244.
3 HOURS.

00772	LAB	A	9-12	M W F	308	F A B
00773	LAB	B	9-12	M W F	318	F A B

ART 246 ADVANCED PAINTING AND DRAWING, II.
PREREQUISITE: ART 245.
3 HOURS.

00774	LAB	A	9-12	M W F	308	F A B
00775	LAB	B	9-12	M W F	318	F A B

ART 248 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING IN ART AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF EIGHT SEMESTER HOURS.
*2 HOURS.

00776	LAB-DISC	A	ARR		139B	F A B
00777	LAB-DISC	B	ARR		139B	F A B
00778	CONF	C	ARR		139B	F A B

ART 251 ADVANCED SCULPTURE, I.
PREREQUISITE: ART 152.
2 HOURS.

00779	LAB	A	2-5	M F	25	F A B
00780	LAB	B	2-5	TU TH	25	F A B

ART 252 ADVANCED SCULPTURE, II.
PREREQUISITE: ART 251.
2 HOURS.

00781	LAB	A	2-5	M F	25	F A B
00782	LAB	B	2-5	TU TH	25	F A B

ART 253 INTERMEDIATE SCULPTURE, I.
PREREQUISITE: ART 152.
2 HOURS.

00783	LAB	A	2-5	M F	25	F A B
00784	LAB	B	2-5	TU TH	25	F A B

ART 254 INTERMEDIATE SCULPTURE, II.
PREREQUISITE: ART 253.
2 HOURS.

00785	LAB	A	2-5	M F	25	F A B
00786	LAB	B	2-5	TU TH	25	F A B

ART 255 SCULPTURE MATERIALS AND TECHNIQUES, I.
PREREQUISITE: ART 152 AND JUNIOR STANDING IN SCULPTURE.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00787	LAB	A	*2-5	M F	25	F A B
00788	LAB	B	*2-5	TU TH	25	F A B

ART 256 SCULPTURE MATERIALS AND TECHNIQUES, II.
PREREQUISITE: ART 255.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00789	LAB	A	*2-5	M F	25	F A B
00790	LAB	B	*2-5	TU TH	25	F A B

ART 257 ADVANCED SCULPTURE, I.
PREREQUISITE: ART 254.
2 HOURS.

00791	LAB	A	2-5	M F	25	F A B
00792	LAB	B	2-5	TU TH	25	F A B

ART 258 ADVANCED SCULPTURE, II.
PREREQUISITE: ART 257.
2 HOURS.

00793	LAB	A	2-5	M F	25	F A B
00794	LAB	B	2-5	TU TH	25	F A B

ART 259 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, I.
PREREQUISITE: ART 256.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00795	LAB	A	*2-5	M F	25	F A B
00796	LAB	B	*2-5	TU TH	25	F A B

ART 260 ADVANCED SCULPTURE MATERIALS AND TECHNIQUES, II.
PREREQUISITE: ART 259.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00797	LAB	A	*2-5	M F	25	F	A	B
00798	LAB	B	*2-5	TU TH	25	F	A	B

ART 262 SEQUENTIAL VISUAL ORGANIZATION.
PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN CURRICULUM.
2 HOURS.

00799	LAB	A	9-12	M W	245	F	A	B
00800	LAB	B	2-5	M W	245	F	A	B

ART 263 REPRODUCTION GRAPHICS.
PREREQUISITE: JUNIOR STANDING IN GRAPHIC DESIGN.
FIELD TRIPS REQUIRED.
2 HOURS.

00801	LAB	A	9-12	TU TH	319	F	A	B	PERLMAN

ART 265 GRAPHIC DESIGN, I.
PREREQUISITE: ART 161 AND 162 FOR GRAPHIC DESIGN MAJORS; JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR FOR OTHERS.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00802	LAB	A	*9-12	M W	327	F	A	B

ART 266 GRAPHIC DESIGN, II.
PREREQUISITE: ART 265.
3 HOURS.
*THREE HOURS TO BE ARRANGED.

00803	LAB	A	*2-5	TU TH	327	F	A	B
00804	LAB	B	*2-5	M W	235	F	A	B

ART 267 GRAPHIC DESIGN, III.
PREREQUISITE: ART 266.
3 HOURS.

00805	LAB	A	9-12	M W F	319	F	A	B
00806	LAB	B	2-5	M W F	319	F	A	B

ART 268 GRAPHIC DESIGN, IV.
PREREQUISITE: ART 267.
3 HOURS.

00807	LAB	A	9-12	M W F	319	F	A	B
00808	LAB	B	2-5	M W F	319	F	A	B

ART 269 SENIOR GRAPHIC DESIGN PROJECT.
PREREQUISITE: SENIOR STANDING IN GRAPHIC DESIGN.
*MAY BE REPEATED FOR TWO ADDITIONAL HOURS.
*2 HOURS.

00809	LAB	A	ARR		138	F	A	B

ART 271 MATERIALS AND PROCESSES, I.
PREREQUISITE: ART 134.
3 HOURS.

00810	LAB	A	2-5	M W F	20	F	A	B
		A	2-5	M W F	32	F	A	B

ART 272 MATERIALS AND PROCESSES, II.
PREREQUISITE: ART 271.
3 HOURS.

00811	LAB	A	2-5	M W F	20	F	A	B
		A	2-5	M W F	32	F	A	B

ART 275 INDUSTRIAL DESIGN, I.
PREREQUISITE: ART 134.
FIELD TRIP REQUIRED.
3 HOURS.

00812	LAB	A	9-12	M W F	40	F	A	B

ART 276 INDUSTRIAL DESIGN, II.
PREREQUISITE: ART 275.
FIELD TRIP REQUIRED.
3 HOURS.

00813	LAB	A	9-12	M W F	40	F	A	B

ART 277 ADVANCED INDUSTRIAL DESIGN. I.
PREREQUISITE: ART 276.
5 HOURS.

00814	LAB	A	9-12	TU TH S	12	F A B	
		A	2-5	TU TH	12	F A B	

ART 278 ADVANCED INDUSTRIAL DESIGN. II.
PREREQUISITE: ART 277.
5 HOURS.

00815	LAB	A	9-12	TU TH S	12	F A B	
		A	2-5	TU TH	12	F A B	

ART 282 FREEHAND DRAWING. VI.
PREREQUISITE: ART 281.
2 HOURS.

00816	LAB	A	7-10PM	TU TH	104	SURV BLDG	

ART 283 PRINTMAKING. I.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

00817	LAB	A	2-5	M F	GRAD STUDIO		TONER
00818	LAB	B	2-5	TU TH	GRAD STUDIO		

ART 284 PRINTMAKING. II.
PREREQUISITE: ART 283.
2 HOURS.

00819	LAB	A	2-5	M F	GRAD STUDIO		TONER
00820	LAB	B	2-5	TU TH	GRAD STUDIO		

ART 285 LITHOGRAPHY. I.
PREREQUISITE: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

00821	LAB	A	9-12	TU TH	103	SURV BLDG	SOCHA

ART 286 LITHOGRAPHY. II.
PREREQUISITE: ART 285.
2 HOURS.

00822	LAB	A	2-5	TU TH	103	SURV BLDG	SOCHA

ART 288 GLASSWORKING. I.
PREREQUISITE: ART 134: JUNIOR STANDING IN ART OR CONSENT OF INSTRUCTOR.
2 HOURS.

00823	LAB	A	9-12	TU TH	151	N E L	NEWCOMB
00824	LAB	B	2-5	TU TH	151	N E L	

ART 289 GLASSWORKING. II.
PREREQUISITE: ART 288.
2 HOURS.

00825	LAB	A	9-12	TU TH	151	N E L	NEWCOMB
00826	LAB	B	2-5	TU TH	151	N E L	

ART 291 GLAZE CALCULATION.
PREREQUISITE: L. A. S. 141, 142, ART 290, JUNIOR STANDING IN CURRICULUM IN CRAFTS-CERAMIC EMPHASIS.
2 HOURS.

00827	LECT	A	12	TU TH	152	N E L
	LAB	A	ARR		152	N E L

ART 292 INTRODUCTION TO METAL DESIGN IN JEWELRY.
PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.
3 HOURS.

00828	LAB	A	9-12	M W F	24	D K H	
00829	LAB	B	2-5	M W F	24	D K H	

ART 293 DEVELOPMENT OF METAL DESIGN IN JEWELRY.
PREREQUISITE: ART 292.
3 HOURS.

00830	LAB	A	ARR		24	D K H

ART 294 CERAMIC DESIGN. I.
PREREQUISITE: JUNIOR STANDING IN CURRICULUM IN CRAFTS.
3 HOURS.

00831	LAB	A	ARR		152	N E L	

ART 295 CERAMIC DESIGN. II.
PREREQUISITE: ART 294.
3 HOURS.

00832	LAB	A	ARR		152	N E L	

ART 296 DECORATIVE METAL TECHNIQUES.
PREREQUISITE: ART 293.
5 HOURS.

00833	LAB	A	9-12	MTUWTHF	24	D K H	

ART 297 CONSTRUCTION OF HOLLOW AND FLATWARE IN SILVERSMITHING.
PREREQUISITE: ART 296.
5 HOURS.

00834	LAB	A	9-12	MTUWTHF	24	D K H	

ART 298 CERAMIC DESIGN. III.
PREREQUISITE: ART 295.
5 HOURS.

00835	LAB	A	9-12	MTUWTHF	24	D K H	

ART 299 CERAMIC DESIGN. IV.
PREREQUISITE: ART 298.
5 HOURS.

00836	LAB	A	9-12	MTUWTHF	24	D K H	

ART 380 DRAWING.
PREREQUISITE: CONSENT OF INSTRUCTOR. FOR GRADUATE STUDENTS.
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS. OR 1/2 TO 1 UNIT.

00837	LAB	A	ARR		136	F A B	BRIGGS
00838	LAB	B	ARR		136	F A B	BRIGGS

ART 381 PAINTING.
PREREQUISITE: ART 142 OR EQUIVALENT. FOR GRADUATE STUDENTS.
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES
FOR M. F. A. IN PAINTING.
*COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS.
*2 TO 4 HOURS. OR 1/2 TO 1 UNIT.

00839	LAB	A	ARR		136	F A B	BRIGGS

ART 383 PRINT MEDIA.
PREREQUISITE: ART 284 OR EQUIVALENT. FOR GRADUATE STUDENTS.
CONSENT OF DEPARTMENTAL GRADUATE COMMITTEE. NOT OPEN TO CANDIDATES
FOR M. F. A. IN PAINTING.
2 HOURS. OR 1/2 TO 1 UNIT.

00840	LAB	A	ARR		GRAD STUDIO		TONER
00841	LAB	B	ARR		GRAD STUDIO		

ART 385 LITHOGRAPHY.
PREREQUISITE: ART 286 OR. FOR GRADUATE STUDENTS. CONSENT OF
DEPARTMENTAL GRADUATE COMMITTEE.
2 HOURS. OR 1/2 TO 1 UNIT.

00842	LAB	A	ARR		103	SURV BLDG	SOCHA

ART 387 PHOTOGRAPHY.
PREREQUISITE: ART 216 OR EQUIVALENT. AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OR 2 UNITS.
*3 HOURS. OR 1/2 TO 1 UNIT.

00843	LAB	A	ARR		132	F A B	

ART 388 CINEMATOGRAPHY.
THE AVERAGE COST OF THE SECOND SEMESTER IS $200.
PREREQUISITE: ART 215 AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 6 HOURS OR 2 UNITS.
*3 HOURS. OR 1/2 TO 1 UNIT.

00844	LAB	A	2-5	TU TH	207	F A B	RASCHEFF
00845	LAB	B	7-10PM	TU TH	207	F A B	
00846	LAB	C	9-12	TU TH	207	F A B	

ART 391 ADVANCED SCULPTURE TECHNIQUES.
PREREQUISITE: ART 252 OR EQUIVALENT.
2 HOURS. OR 1/2 TO 1 UNIT.

00847	LAB	A	ARR			25	F A B		

ART 392 SILVERSMITHING. I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS. OR 1/2 TO 1 UNIT.

00848	LAB	A	9-12	M	F	24	D K H		VON NEUMANN
00849	LAB	B	2-5	M	F	24	D K H		VON NEUMANN

ART 393 SILVERSMITHING. II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS. OR 1/2 TO 1 UNIT.

00850	LAB	A	ARR			24	D K H		

ART 394 CERAMIC DESIGN.
PREREQUISITE: ART 295 OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS. OR 1/2 TO 2 UNITS.

00851	LAB	A	9-12		S	152	N E L		PILCHER
		A	1-4		S	152	N E L		

ART 395 GLASS DESIGN.
PREREQUISITE: ART 289 OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS. OR 1/2 TO 1 UNIT.

00852	LAB	A	ARR			151	N E L		

ART 455 SEMINAR IN BAROQUE ART.
PREREQUISITE: ART 223. 224 OR EQUIVALENT: OR CONSENT OF INSTRUCTOR.
1 UNIT.

00853	CONF	A	ARR			11N	ARCH		PINNELL

ART 456 SEMINAR IN THE ART OF THE PERIOD 1750-1900.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A TOTAL OF 3 UNITS.
*1 UNIT.

00854	CONF	A	1-3	TU		217	D K H		ZIFF

ART 457 STUDIES IN MEDIEVAL ART.
PREREQUISITE: ART 308 OR 309. EFFECTIVE READING KNOWLEDGE OF FRENCH OR GERMAN. AND CONSENT OF INSTRUCTOR.
1 UNIT.

00855	CONF	A	ARR						PAE

ART 458 SEMINAR: AFRICAN ART.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

00856	CONF	A	ARR						GLAZE

ART 467 GRAPHIC DESIGN LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN GRAPHIC DESIGN. OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

00857	LAB	A	ARR			100	1203W CAL		
00858	LAB	B	ARR			100	1203W CAL		
00859	LAB	C	ARR			100	1203W CAL		

ART 477 INDUSTRIAL DESIGN LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN INDUSTRIAL DESIGN OR THE CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

00860	LAB	A	ARR			100	1203W CAL		
00861	LAB	B	ARR			100	1203W CAL		
00862	LAB	C	ARR			100	1203W CAL		

ART 491 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.

00863	LAB	A	ARR			GRAD	STUDIO		
00864	LAB	B	ARR			GRAD	STUDIO		

ART 492 INDIVIDUAL READINGS IN HISTORY OF ART.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

00865	CONF	A	ARR			

ART 493 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN ART.
1/4 TO 1 UNIT.

00866	CONF	A	7-10PM	M	133	F A B
00867	CONF	B	7-10PM	TU	133	F A B
00868	CONF	C	7-10PM	W	133	F A B

ART 495 PAINTING LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN PAINTING AND PRINTMAKING. OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1/2 TO 3 UNITS.

00869	LAB	A	ARR	GRAD STUDIO	SAVAGE AND STAFF

ART 496 SCULPTURE LABORATORY.
PREREQUISITE: ENROLLMENT IN THE M. F. A. PROGRAM IN SCULPTURE. OR CONSENT OF THE DEPARTMENTAL GRADUATE COMMITTEE.
1 TO 3 UNITS.

00870	LAB	A	ARR	ART SCULPTURE	GALLO

ART 497 PRINT WORKSHOP.
PREREQUISITE: GRADUATE STANDING IN ART.
1/2 TO 3 UNITS.

00871	LAB	A	ARR	GRAD STUDIO	TONER
00872	LAB	B	ARR	103 SURV BLDG	SOCHA

ART 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN HISTORY OF ART OR ART EDUCATION.
0 TO 4 UNITS.

00873	CONF	A	ARR

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

MAJOR: MA STUDENTS WHO ELECT ASIAN STUDIES AS A MAJOR MUST: (1) COMPLETE 9 UNITS OF WORK IN AREA STUDIES DISTRIBUTED AMONG AT LEAST THREE DISCIPLINES AND CHOSEN FROM AN ACCEPTED LIST OF COURSES. (2) DEMONSTRATE A READING KNOWLEDGE OF ONE LANGUAGE RELATED TO THE REGIONAL CONCENTRATION AS DEMONSTRATED BY AN APPROPRIATE LANGUAGE EXAMINATION. (3) PASS A WRITTEN EXAMINATION COVERING THE AREA STUDIES TAKEN WHILE IN RESIDENCE, AND (4) COMPLETE TWO SATISFACTORY RESEARCH SEMINAR PAPERS. STUDENTS MAY ELECT TO DO THEIR WORK IN ONE OF FOUR AREAS: EAST ASIA, SOUTHEAST ASIA, SOUTH ASIA OR THE NEAR AND MIDDLE EAST.
MINOR: AN UNDERGRADUATE MINOR IN ASIAN STUDIES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES REQUIRES AT LEAST TWENTY SEMESTER HOURS. THE TWENTY HOURS MUST INCLUDE ASIAN STUDIES 202 AND THE REMAINDER DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR CREDIT MAY NOT BE INCLUDED WITHIN THE TWENTY HOURS FOR THE MINOR. IT IS ADVISABLE EITHER TO INCLUDE IN THE MINOR, OR TO ACCOMPANY THE MINOR WITH, ONE OF THE 201-202 ASIAN LANGUAGE SEQUENCES OFFERED. BURMESE, CHINESE, INDONESIAN, JAPANESE, KOREAN, AND PERSIAN ARE OFFERED BY THE CENTER FOR ASIAN STUDIES. HINDI, ARABIC AND MODERN HEBREW ARE GIVEN IN THE DEPARTMENT OF LINGUISTICS. STUDENTS INTENDING TO MINOR IN ASIAN STUDIES SHOULD NOTIFY THE CENTER OFFICE.

A CANDIDATE FOR A MASTER'S DEGREE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW.

A DOCTORAL CANDIDATE WHO ELECTS ASIAN STUDIES AS A MINOR MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN AT LEAST TWO DEPARTMENTS FROM THE COURSES LISTED BELOW. ALSO THE DOCTORAL CANDIDATE MUST, PRIOR TO THE COMPLETION OF HIS COURSE REQUIREMENTS FOR THE DEGREE, COMPLETE SATISFACTORILY ONE OF THE FOLLOWING: ARABIC 304, CHINESE 204 OR 302, HINDI 304, INDONESIAN 304, JAPANESE 204 OR 302 OR EQUIVALENT.
THE COURSES CHOSEN FOR THE GRADUATE MINOR MUST BE IN DEPARTMENTS OUTSIDE THE CANDIDATE'S MAJOR.
STUDENTS SHOULD BE ADVISED TO CONSULT WITH THE CENTER OFFICE FOR OTHER COURSES THAT MAY BE ACCEPTABLE FOR CREDIT TOWARD THE MINOR.

STUDENTS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF EAST, SOUTHEAST, SOUTH, AND MIDDLE EAST ASIAN AFFAIRS AND CULTURES ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR AND FACULTY MEMBERS OF THE CENTER FOR ASIAN STUDIES IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. THE CENTER IS DESIGNATED A NATIONAL DEFENSE EDUCATION ACT (N.D.E.A.). LANGUAGE AND AREA STUDIES CENTER. THE DIRECTOR IS PROFESSOR ROBERT B. CRAWFORD, ASSOCIATE DIRECTOR IS HAROLD GOULD, ROOM 201, 1208 WEST CALIFORNIA, URBANA.

BELOW ARE LISTED COURSES ACCEPTABLE TOWARD THE ASIAN STUDIES MINOR. FOR FULL COURSE DESCRIPTIONS, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

AG EC	353
ANTH	315*, 316*, 368, 375 383, 384, 386, 387, 409 410, 450*
ARAB	201, 202, 203, 204, 303 304, 305, 306, 307, 308
ART	209, 212, 217, 316, 326 327, 328, 452, 453
AS ST	202, 295, 345, 450, 490
CHIN	201, 202, 203, 204, 207 208, 301, 302, 303, 304 305, 306, 307, 308, 309 310, 311, 312, 320, 330 350
C LIT	309
ECON	353, 358, 490*
GEOG	351, 357, 495*
M HBR	201, 202, 303, 304, 305 306, 307, 308
HINDI	201, 202, 303, 304, 305 306, 307, 308, 309, 310
HIST	298*, 307, 308, 343, 344 374, 385, 387, 388, 389 390, 391, 392, 393, 394
HIST	395, 396, 397, 398, 399 409, 441, 443, 445
INDON	201, 202, 303, 304
JAPAN	201, 202, 203, 204, 205 206, 301, 302, 303, 304 305, 306, 309, 310, 320 330
KOREA	201, 202, 303, 304, 330
LING	303*, 330, 345, 350, 351 360, 382, 383, 409, 410 490*
MUSIC	316*, 317*
PERS	201, 202, 205, 206, 303 304, 305, 306, 309
PHIL	369
POL S	337, 338, 345, 347, 348 349, 380, 388, 389, 437 446, 448, 449
RELST	297, 307, 328, 368, 397 398, 399
R SOC	343
SANSK	309
SOC	309, 328, 335, 343, 355 371

*ONLY THE SECTIONS DEALING WITH ASIA ARE APPLICABLE.

ALL 200-LEVEL LANGUAGE COURSES AND CHINESE 301-302 AND
JAPANESE 301-302 ARE OPEN TO FRESHMEN.

AS ST 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A: THE TAO MOVEMENT.

00874	LECT-DISC	A	ARR					HUANG

AS ST 202 INTERDISCIPLINARY PRO-SEMINAR IN ASIAN STUDIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
4 HOURS.

00875	LECT-DISC		3	MTUWTH	311	D H		STAFF

AS ST 295 READINGS COURSE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
OPEN TO FRESHMEN.

00876	CONF		ARR					

AS ST 345 TUTORIALS IN SPECIAL ASIAN LANGUAGES.
SAME AS LING. 345.
PREREQUISITE: CONSENT OF DIRECTOR OF THE CENTER FOR ASIAN STUDIES.
*MAY BE REPEATED UP TO 6 SEMESTERS SUCCESSIVELY, BUT NO MORE
THAN 4 UNITS MAY BE ACCUMULATED.
*5 HOURS OR 1 UNIT.
SECTION A CONCERNS SANSKRIT.
SECTION B CONCERNS KANNADA.
SECTION C CONCERNS BURMESE.

00877	LECT-DISC	A	ARR					ANACKER
00878	LECT-DISC	B	ARR					ANACKER
00879	LECT-DISC	C	ARR					LEHMAN

AS ST 450 SEMINAR IN ASIAN STUDIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED UP TO 3 UNITS.
*1 UNIT.
TOPIC: PROBLEMS OF DEVELOPMENT IN CONTEMPORARY INDIA.

00880	CONF		ARR					MADAN

AS ST 490 INDIVIDUAL STUDY AND RESEARCH IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS.

00881	CONF		ARR					

DEPARTMENT OFFICE 103 OBSERV

MAJOR: TWENTY HOURS IN ASTRONOMY EXCLUDING ASTRONOMY 101. PHYSICS COURSES AT THE 300-LEVEL MAY BE SUBSTITUTED FOR ASTRONOMY COURSES TO THE EXTENT OF SIX HOURS AS PART OF THE MAJOR.

MINOR: TWENTY HOURS WHICH MUST INCLUDE PHYSICS 106, 107, AND 108. THE REMAINING EIGHT HOURS MAY BE TAKEN IN PHYSICS OR IN ONE OF THE FOLLOWING SUBJECTS: CHEMISTRY, GEOLOGY, MATHEMATICS, PHILOSOPHY. IF TWO SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

INDIVIDUAL INSTRUCTION IS PROVIDED FOR SUPERIOR UNDERGRADUATE STUDENTS AT HOURS TO BE ARRANGED.

ASTR 101 DESCRIPTIVE ASTRONOMY.
NOT OPEN TO STUDENTS WHO HAVE HAD TWO OR MORE SEMESTERS OF COLLEGE PHYSICS.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.
*4 HOURS.
STUDENTS MUST REGISTER IN THE LECTURE AND IN ANY ONE DISCUSSION SECTION.

00882	LECT		2	M W F	103 M H		CAHN
00883	DISC	A	9	TH	221 G H		
00884	DISC	B	10	TH	221 G H		
00885	DISC	C	11	TH	221 G H		
00886	DISC	D	1	TH	221 G H		
00887	DISC	E	2	TH	221 G H		

ASTR 102 DESCRIPTIVE ASTRONOMY.
PREREQUISITE: ASTR. 101.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 210.
*4 HOURS.
STUDENTS WHO REGISTER IN LECTURE 1 MUST ALSO REGISTER IN DISCUSSION A, B, C, D, OR E. STUDENTS WHO REGISTER IN LECTURE 2 MUST ALSO REGISTER IN DISCUSSION J, K, L, OR M.

00888	LECT	1	11	M W F	103 M H		WEBBER
00889	DISC	A	9	TU	221 G H		
00890	DISC	B	10	TU	221 G H		
00891	DISC	C	11	TU	221 G H		
00892	DISC	D	1	TU	221 G H		
00893	DISC	E	2	TU	221 G H		
00894	LECT	2	1	M W F	103 M H		STAFF
00895	DISC	J	9	TU	217 G H		
00896	DISC	K	10	TU	217 G H		
00897	DISC	L	1	TU	219 G H		
00898	DISC	M	2	TU	219 G H		

ASTR 210 GENERAL ASTRONOMY.
PREREQUISITE: TWO SEMESTERS OF COLLEGE PHYSICS.
*CREDIT IS NOT GIVEN TO STUDENTS WITH CREDIT IN ASTR. 101 OR ASTR. 102.
*3 HOURS.

00899	LECT		1	M W F	202 H H		WYATT

ASTR 302 ASTROPHYSICS OF THE SUN.
PREREQUISITE: ASTR. 301.
3 HOURS OR 1 UNIT.

00900	LECT		10	M W F	124 OBSERV		DICKEL

ASTR 307 CELESTIAL MECHANICS.
PREREQUISITE: ASTR. 306 OR PHYCS. 322.
3 HOURS OR 1 UNIT.

00901	LECT		9	M W F	124 OBSERV		AVNER

ASTR 314 OBSERVATIONAL ASTRONOMY.
SAME AS C.E. 305.
PREREQUISITE: ASTR. 102 OR 210 OR C. E. 201: MATH. 140, 141, OR 145.
4 HOURS OR 1 UNIT.
*THREE HOURS OBSERVATIONAL WORK TO BE ARRANGED

00902	LECT		*2	M W F	204N H H		KALER

STR 322 STELLAR SYSTEMS. II.
PREREQUISITE: ASTR. 321.
3 HOURS OR 1 UNIT.

00903	LECT	3	M W F	124	OBSERV		WYATT

STR 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
SAME AS E. E. AND PHYCS. 366.
PREREQUISITE: PHYCS. 342, 321 AND 381: OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

00904	LECT	23C-4	TU TH	137	P B		

STR 404 THEORY OF STELLAR STRUCTURE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

00905	LECT	11	M W F	124	OBSERV		OLSON

STR 415 EXPERIMENTAL METHODS IN RADIO ASTRONOMY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

00906	CONF	ARR					SWENSON

STR 424 RELATIVITY AND COSMOLOGY.
SAME AS MATH. 460 AND PHYCS. 424.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

00907	LECT	2	M W F	206	H H		MC VITTIE

STR 486 CONSTITUTION OF THE IONOSPHERE: AN INTRODUCTION TO AERONOMY.
SAME AS E. E. 486.
PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS, OR ASTRONOMY. MATH. 341 OR EQUIVALENT.
1 UNIT.

00908	DISC F1	2	M W F	59	E E B		BOWHILL

STR 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.

00909	LECT-DISC A	4	M W F	221	G H		STAFF
00910	LECT-DISC B	4	TU TH	221	G H		STAFF

STR 499 THESIS RESEARCH
0 TO 4 UNITS.

00911	CONF	ARR					STAFF

ATMOSPHERIC SCIENCES

DEPARTMENT OFFICE 5-113 C S L

TMOS 401 WEATHER ANALYSIS.
PREREQUISITE: ATMOS. 301 AND 302.
1 UNIT.

08617	LECT	9	M W	161	E E B		BURPEE
	LAB+DISC	8-10	F	ARR			

TMOS 406 SIMULATION OF ATMOSPHERIC DYNAMICS--PHYSICAL ASPECTS.
PREREQUISITE: ATMOS. 302.
1 UNIT.

08618	LECT	10	M W F	139	P B		MAK

TMOS 497 SPECIAL TOPICS IN ATMOSPHERIC SCIENCES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

08619	LECT	10-1120	TU TH	136	E E B		GELLER

DEPARTMENT OFFICE U OF I WILLARD AIRPORT

COURSES OFFERED BY THE INSTITUTE OF AVIATION ARE OPEN TO STUDENTS AND FACULTY IN ALL DEPARTMENTS OF THE UNIVERSITY, SUBJECT TO LIMITATIONS IMPOSED BY THE AVAILABILITY OF SPACE AND EQUIPMENT. CREDIT FOR INSTITUTE OF AVIATION COURSES IS GENERAL UNIVERSITY CREDIT. HOWEVER, ITS USE AS CREDIT TOWARD GRADUATION IS A MATTER FOR EACH COLLEGE TO PASS UPON.

THE FEE FOR EACH INSTITUTE OF AVIATION FLIGHT COURSE IS $550, EXCEPT FOR AVIATION 100 WHICH IS $125, AVIATION 105 AND 115, WHICH ARE $245, AND AVIATION 222 WHICH IS $350. THERE IS NO FEE FOR AVIATION 250. ARRANGEMENTS FOR THE PHYSICAL EXAMINATION FOR STUDENTS IN AVIATION 101 ARE MADE BY THE INSTITUTE THROUGH THE UNIVERSITY HEALTH SERVICE UPON FINAL ACCEPTANCE IN THE PRIVATE PILOT COURSE AT REGISTRATION TIME SUBJECT TO POSSIBLE LIMITATIONS IMPOSED BY THE HEALTH SERVICE. STUDENTS IN AVIATION 140 ARE REQUIRED TO POSSESS A CURRENT SECOND CLASS F.A.A. MEDICAL CERTIFICATE AT THE TIME OF REGISTRATION.

BUS TRANSPORTATION BETWEEN THE CAMPUS AND AIRPORT IS PROVIDED FREE OF CHARGE TO ALL STUDENTS REGISTERED IN AVIATION COURSES. THE DAILY BUS SCHEDULE, WITH ROUTINGS, IS LISTED SEPARATELY IMMEDIATELY FOLLOWING THE FLIGHT COURSES. STUDENTS MAY PROVIDE THEIR OWN TRANSPORTATION IF THEY WISH; HOWEVER, THERE IS A CHARGE FOR PARKING. IN EITHER EVENT, ALL STUDENTS REGISTERING FOR AVIATION COURSES SHOULD SELECT THE APPROPRIATE BUS SECTIONS IN ORDER TO AVOID CONFLICTS WITH ON-CAMPUS COURSES.

DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO REGISTRATION IN ANY FLIGHT COURSE. ONLY GRADUATE STUDENTS AND SENIORS WILL BE PERMITTED TO REGISTER ON THE FIRST DAY OF ADVANCED REGISTRATION, JUNIORS WILL BE PERMITTED TO REGISTER ON THE SECOND DAY, SOPHOMORES ON THE THIRD DAY, AND FRESHMAN ON THE FOURTH DAY. DURING THE ADVISING PERIOD OF ADVANCE ENROLLMENT, EACH STUDENT PLANNING TO REGISTER FOR A FLIGHT COURSE MUST GO TO 317 E H FOR APPROVAL AND SECTIONING.

IN SOME CASES TWO OR MORE FLIGHT COURSES MAY BE TAKEN CONCURRENTLY BY SPECIAL PERMISSION.

AVI 100 ORIENTATION TO AVIATION.
3 HOURS.

	LAB		ARR			EMANUEL

AVI 101 PRIVATE PILOT.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.
EACH AVI. 101 STUDENT MUST REGISTER FOR ONE LECT., ONE DISC. AND ONE FLIGHT SECTION.

00913	LECT	A	8-930	TU TH	420	E H		TREICHEL
00914	LECT	B	11	M W F	400	E H		JAMISON
00915	LECT	C	2	M W F	400	E H		JAMISON
00916	DISC	AA	730-930PM	M	314	E H		BENN & STAFF
00917	DISC	BB	730-930PM	TU	314	E H		BENN & STAFF
00918	FLT	F1	8-930	M W F		AIRPORT		TREICHEL AND
00919	FLT	F2	930-11	M W F		AIRPORT		STAFF
00920	FLT	F3	11-1230	M W		AIRPORT		
00921	FLT	F4	1230-2	M W F		AIRPORT		
00922	FLT	F5	2-330	M W F		AIRPORT		
00923	FLT	F6	330-5	M W F		AIRPORT		
00924	FLT	F7	8-930	TU TH S		AIRPORT		
00925	FLT	F8	930-11	TU TH S		AIRPORT		TREICHEL AND
00926	FLT	F9	1230-2	TU TH S		AIRPORT		STAFF
00927	FLT	F10	2-330	TU TH S		AIRPORT		
00928	FLT	F11	330-5	TU TH S		AIRPORT		

AVI 105 SOARING, I.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

00929	DISC	ARR
	FLT	ARR

AVI 115 SOARING. II.
PREREQUISITE: AVI. 105 OR EQUIVALENT.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

00930	DISC							ARR	
	FLT							ARR	

AVI 120 SECONDARY FLIGHT.
PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE. CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

00931	LECT-DISC	A	1030-12		TU TH		400	E H	DWYER
00932	LECT-DISC	B	4	M	W	F	400	E H	DWYER
00933	FLT	F1	8-930	M	W	F		AIRPORT	
00934	FLT	F2	930-11	M	W	F		AIRPORT	AND STAFF
00935	FLT	F3	11-1230	M	W	F		AIRPORT	
00936	FLT	F4	1230-2	M	W	F		AIRPORT	
00937	FLT	F5	2-330	M	W	F		AIRPORT	
00938	FLT	F6	330-5	M	W	F		AIRPORT	
00939	FLT	F7	8-930		TU TH S			AIRPORT	
00940	FLT	F8	930-11		TU TH S			AIRPORT	AND STAFF
00941	FLT	F9	1230-2		TU TH S			AIRPORT	
00942	FLT	F10	2-330		TU TH S			AIRPORT	
00943	FLT	F11	330-5		TU TH S			AIRPORT	

AVI 130 INTERMEDIATE FLIGHT.
PREREQUISITE: AVI. 101 OR PRIVATE PILOT CERTIFICATE. CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

00944	LECT-DISC	A	8-930		TU TH		400	E H	DOHRN
00945	FLT	X1	8-12	M	W	F		AIRPORT	AND STAFF
00946	FLT	X2	1-5	M				AIRPORT	
00947	FLT	X4	1-5		TU			AIRPORT	
00948	FLT	X5	8-12	M	W	F		AIRPORT	
00949	FLT	X6	1-5		W			AIRPORT	
00950	FLT	X8	1-5		TH			AIRPORT	
00951	FLT	X9	8-12	M	W	F		AIRPORT	
00952	FLT	X10	1-5			F		AIRPORT	
00953	FLT	X11	8-12			S		AIRPORT	
00954	FLT	X12	1-5			S		AIRPORT	

AVI 140 ADVANCED FLIGHT.
PREREQUISITE: AVI. 120 AND 130: CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

00955	LECT-DISC		9	M	W	F	160	M E B	EMANUEL
00956	FLT	F3	11-1230	M	W	F		AIRPORT	
00957	FLT	F4	1230-2	M	W	F		AIRPORT	GORDON
00958	FLT	F5	2-330	M	W	F		AIRPORT	AND STAFF
00959	FLT	F6	330-5	M	W	F		AIRPORT	
00960	FLT	F7	8-930		TU TH S			AIRPORT	GORDON
00961	FLT	F8	930-11		TU TH S			AIRPORT	AND STAFF
00962	FLT	F9	1230-2		TU TH S			AIRPORT	
00963	FLT	F10	2-330		TU TH S			AIRPORT	
00964	FLT	F11	330-5		TU TH S			AIRPORT	

AVI 200 BASIC INSTRUMENT FLIGHT TECHNIQUES.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE OR EQUIVALENT FLIGHT EXPERIENCE. JUNIOR STANDING. CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

00965	LECT-DISC		8	M	W	F	168	E E B	FRIED
00966	FLT	F2	930-11	M	W	F		AIRPORT	ANDERSON AND
00967	FLT	F3	11-1230	M	W	F		AIRPORT	STAFF
00968	FLT	F4	1230-2	M	W	F		AIRPORT	
00969	FLT	F5	2-330	M	W	F		AIRPORT	
00970	FLT	F6	330-5	M	W	F		AIRPORT	
00971	FLT	F7	8-930		TU TH S			AIRPORT	
00972	FLT	F8	930-11		TU TH S			AIRPORT	
00973	FLT	F9	1230-2		TU TH S			AIRPORT	
00974	FLT	F10	2-330		TU TH S			AIRPORT	
00975	FLT	F11	330-5		TU TH S			AIRPORT	

AVI 210 ADVANCED INSTRUMENT FLIGHT PROCEDURES.
PREREQUISITE: AVI. 200 OR 40 HOURS OF SIMULATED INSTRUMENT FLIGHT EXPERIENCE. JUNIOR STANDING. CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

00976	LECT-DISC		8	M W F	400	E H			EMANUEL
00977	FLT	F2	930-11	M W F			AIRPORT		ANDERSON
00978	FLT	F3	11-1230	M W F			AIRPORT		
00979	FLT	F4	1230-2	M W F			AIRPORT		AND STAFF
00980	FLT	F5	2-330	M W F			AIRPORT		
00981	FLT	F6	330-5	M W F			AIRPORT		
00982	FLT	F7	8-930	TU TH S			AIRPORT		
00983	FLT	F8	930-11	TU TH S			AIRPORT		
00984	FLT	F9	1230-2	TU TH S			AIRPORT		
00985	FLT	F10	2-330	TU TH S			AIRPORT		
00986	FLT	F11	330-5	TU TH S			AIRPORT		

AVI 220 FLIGHT INSTRUCTOR.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE. JUNIOR STANDING. CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

00987	LECT-DISC		3	M W F	400	E H			TREICHEL
00988	FLT	F1	8-930	M W F			AIRPORT		ANDERSON
00989	FLT	F2	930-11	M W F			AIRPORT		AND STAFF
00990	FLT	F3	11-1230	M W F			AIRPORT		
00991	FLT	F4	1230-2	M W F			AIRPORT		
00992	FLT	F7	8-930	TU TH S			AIRPORT		
00993	FLT	F8	930-11	TU TH S			AIRPORT		
00994	FLT	F9	1230-2	TU TH S			AIRPORT		
00995	FLT	F10	2-330	TU TH S			AIRPORT		
00996	FLT	F11	330-5	TU TH S			AIRPORT		

AVI 222 INSTRUMENT FLIGHT INSTRUCTOR'S COURSE.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE. INSTRUMENT RATING. FLIGHT INSTRUCTOR CERTIFICATE AIRPLANE RATING. CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.

00997	LECT-DISC		ARR				AIRPORT		ANDERSON
00998	FLT	F1	8-930	MTUWTHFS			AIRPORT		AND STAFF
00999	FLT	F2	930-11	MTUWTHFS			AIRPORT		
01000	FLT	F3	11-1230	MTUWTHFS			AIRPORT		
01001	FLT	F4	1230-2	MTUWTHFS			AIRPORT		
01002	FLT	F5	2-330	MTUWTHFS			AIRPORT		
01003	FLT	F6	330-5	MTUWTHFS			AIRPORT		

AVI 250 PRACTICE TEACHING. AIRPLANE.
PREREQUISITE: AVI. 220 OR FLIGHT INSTRUCTOR CERTIFICATE: JUNIOR STANDING: CONSENT OF DIRECTOR.
3 HOURS.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

01004	DISC		9	TU TH	317	E H			EMANUEL
	FLT		ARR						

AVI 280 SPECIAL RATING (MULTI-ENGINE LAND).
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE. CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL OF CHIEF OF PILOT TRAINING IS REQUIRED.
STUDENT MUST REGISTER FOR DISC SECTION AND ONE FLIGHT SECTION.

01005	DISC		ARR				AIRPORT		BENN AND STAFF
01006	FLT	F1	8-930	M W F			AIRPORT		
01007	FLT	F2	930-11	M W F			AIRPORT		
01008	FLT	F3	11-1230	M W F			AIRPORT		
01009	FLT	F4	1230-2	M W F			AIRPORT		
01010	FLT	F7	8-930	TU TH S			AIRPORT		
01011	FLT	F8	930-11	TU TH S			AIRPORT		
01012	FLT	F9	1230-2	TU TH S			AIRPORT		

AVI 291 SPECIAL RATINGS AND/OR SPECIALIZED FLIGHT.
PREREQUISITE: COMMERCIAL PILOT CERTIFICATE. CONSENT OF DIRECTOR.
1 HOUR.
NOTE: DEPARTMENTAL APPROVAL BY CHIEF OF PILOT TRAINING IS REQUIRED.

01013	DISC		ARR					AIRPORT	BENN AND STAFF
01014	FLT	F1	8-930	M	W	F		AIRPORT	
01015	FLT	F2	930-11	M	W	F		AIRPORT	
01016	FLT	F3	11-1230	M	W	F		AIRPORT	
01017	FLT	F4	1230-2	M	W	F		AIRPORT	
01018	FLT	F5	2-330	M	W	F		AIRPORT	
01019	FLT	F6	330-5	M	W	F		AIRPORT	
01020	FLT	F7	8-930	TU	TH	S		AIRPORT	
01021	FLT	F8	930-11	TU	TH	S		AIRPORT	
01022	FLT	F9	1230-2	TU	TH	S		AIRPORT	
01023	FLT	F10	2-330	TU	TH	S		AIRPORT	
01024	FLT	F11	330-5	TU	TH	S		AIRPORT	

BUS SCHEDULE AND ROUTE

THE INSTITUTE OF AVIATION BUS MAKES REGULAR TRIPS BETWEEN THE AIRPORT AND THE CAMPUS BEGINNING ON THE FIRST DAY OF CLASSES AND CONTINUING THROUGH THE LAST DAY OF FINAL EXAMINATIONS. THE BUS LEAVES FROM THE CAMPUS PARKING LOCATION AT THE NORTH EAST CORNER OF AERO LAB B. AND MAKES REGULAR STOPS ON THE WAY TO THE AIRPORT AT THE CORNERS OF SIXTH AND ARMORY STREETS. FOURTH STREET AND GREGORY DRIVE. AND FIRST STREET AND GREGORY DRIVE. THE TRIP FROM THE AIRPORT BACK TO THE CAMPUS IS VIA GREGORY DRIVE AND GOODWIN AVENUE TO THE PARKING LOCATION. THE SCHEDULE IS AS FOLLOWS:
ON THE FIRST TRIP TO THE CAMPUS EACH MORNING THE BUS IS ROUTED BETWEEN THE FLORIDA AVENUE AND THE PENNSYLVANIA AVENUE RESIDENCE HALLS.

AVI 302 BUS FROM CAMPUS TO AIRPORT.
NO CREDIT.

01025	BUS	A1	730-8	M	W	F		CAMPUS
01026	BUS	A2	9-930	M	W	F		CAMPUS
01027	BUS	A3	10-1030	M	W	F		CAMPUS
01028	BUS	A4	11-1130	M	W	F		CAMPUS
01029	BUS	A5	12-1230	M	W	F		CAMPUS
01030	BUS	A6	1-130	M	W	F		CAMPUS
01031	BUS	A7	2-230	M	W	F		CAMPUS
01032	BUS	A8	3-330	M	W	F		CAMPUS
01033	BUS	A9	4-430	M	W	F		CAMPUS
01034	BUS	A10	730-8	TU	TH	S		CAMPUS
01035	BUS	A11	9-930	TU	TH	S		CAMPUS
01036	BUS	A12	10-1030	TU	TH	S		CAMPUS
01037	BUS	A13	11-1130	TU	TH	S		CAMPUS
01038	BUS	A14	12-1230	TU	TH	S		CAMPUS
01039	BUS	A15	1-130	TU	TH	S		CAMPUS
01040	BUS	A16	2-230	TU	TH	S		CAMPUS
01041	BUS	A17	3-330	TU	TH	S		CAMPUS
01042	BUS	A18	4-430	TU	TH	S		CAMPUS

AVI 303 BUS FROM AIRPORT TO CAMPUS.
NO CREDIT.

01043	BUS	C1	830-9	M	W	F		AIRPORT
01044	BUS	C2	930-10	M	W	F		AIRPORT
01045	BUS	C3	1030-11	M	W	F		AIRPORT
01046	BUS	C4	1130-12	M	W	F		AIRPORT
01047	BUS	C5	1230-1	M	W	F		AIRPORT
01048	BUS	C6	130-2	M	W	F		AIRPORT
01049	BUS	C7	230-3	M	W	F		AIRPORT
01050	BUS	C8	330-4	M	W	F		AIRPORT
01051	BUS	C9	5-530	M	W	F		AIRPORT
01052	BUS	C10	830-9	TU	TH	S		AIRPORT
01053	BUS	C11	930-10	TU	TH	S		AIRPORT
01054	BUS	C12	1030-11	TU	TH	S		AIRPORT
01055	BUS	C13	1130-12	TU	TH	S		AIRPORT
01056	BUS	C14	1230-1	TU	TH	S		AIRPORT
01057	BUS	C15	130-2	TU	TH	S		AIRPORT
01058	BUS	C16	230-3	TU	TH	S		AIRPORT
01059	BUS	C17	330-4	TU	TH	S		AIRPORT
01060	BUS	C18	5-530	TU	TH	S		AIRPORT

AVI 147 INTRODUCTION TO FEDERAL AVIATION REGULATIONS.
3 HOURS.

01061	LECT-DISC	A	8-915	TU TH	Q3 AIRPORT	FOX
01062	LECT-DISC	B	130	M W F	Q3 AIRPORT	FOX

AVI 152 POWERPLANT SYSTEMS. I.
PREREQUISITE: AVI. 142 AND 145.
4 HOURS.

01063	LECT-DISC	A	8	M W F	Q3 AIRPORT	MYLIN
01064	LECT-DISC	B	1230	M W F	Q3 AIRPORT	MYLIN
01065	LAB	1	930-12	TU TH	Q4 AIRPORT	ZVONAR
01066	LAB	2	9-11	M W F	Q4 AIRPORT	MYLIN
01067	LAB	3	1230-3	TU TH	Q4 AIRPORT	MYLIN

AVI 153 AIRCRAFT MATERIALS AND PROCESSES. II.
2 HOURS.

01068	LECT-DISC	A	10	M W	Q3 AIRPORT	GARRELTS
01069	LECT-DISC	B	1230	TU TH	Q3 AIRPORT	GARRELTS
01070	LAB	1	11	M W	Q3 AIRPORT	GARRELTS
01071	LAB	2	3-5	TU	Q3 AIRPORT	GARRELTS
01072	LAB	3	3-5	TH	Q3 AIRPORT	GARRELTS

AVI 155 AIRCRAFT MATHEMATICS.
3 HOURS.

01073	LECT-DISC	A	11	M W F	Q3 AIRPORT	ZVONAR
01074	LECT-DISC	B	230	M W F	Q3 AIRPORT	TRULOCK

AVI 156 POWERPLANT SYSTEMS. III.
PREREQUISITE: AVI. 142 AND 145.
3 HOURS.

01075	LECT-DISC	A	9-11	F	Q3 AIRPORT	GARRELTS
01076	LECT-DISC	B	130	TU TH	Q3 AIRPORT	GARRELTS
01077	LAB	1	8-10	M W	Q3 AIRPORT	GARRELTS
01078	LAB	2	10-12	TU TH	Q3 AIRPORT	FOX
01079	LAB	3	3-5	TU TH	Q3 AIRPORT	FOX

AVI 170 AIRCRAFT SYSTEMS. II.
PREREQUISITE: AVI. 145; 152; AND 155.
5 HOURS.

01080	LECT-DISC	A	8-930	TU TH	Q8 AIRPORT	MC LANE
01081	LECT-DISC	B	1230	M W F	Q8 AIRPORT	MC LANE
01082	LAB	1	930-12	TU TH	Q8 AIRPORT	MC LANE
01083	LAB	2	10-12	M W F	Q8 AIRPORT	MC LANE
01084	LAB	3	230-5	M W	Q8 AIRPORT	ZVONAR

AVI 172 AIRCRAFT SYSTEMS. III.
PREREQUISITE: AVI. 145.
3 HOURS.

01085	LECT-DISC	A	8	M W	Q8 AIRPORT	APPLEGATE
01086	LECT-DISC	B	1230	TU TH	Q8 AIRPORT	APPLEGATE
01087	LAB	1	8-930	TU TH	Q8 AIRPORT	APPLEGATE
01088	LAB	2	1230	M W F	Q8 AIRPORT	APPLEGATE
01089	LAB	3	130-3	TU TH	Q8 AIRPORT	APPLEGATE

AVI 174 AIRCRAFT ASSEMBLY AND INSPECTION.
PREREQUISITE: AVI. 163; 165; 167; 170; AND 172.
5 HOURS.

01090	LECT-DISC	A	10-12	TU TH	Q8 AIRPORT	LADAGE
01091	LECT-DISC	B	1030-12	M W F	Q8 AIRPORT	LADAGE
01092	LAB	1	10-12	M W F	Q8 AIRPORT	APPLEGATE
01093	LAB	2	1230-230	M W F	Q8 AIRPORT	LADAGE
01094	LAB	3	130-4	TU TH	Q8 AIRPORT	LADAGE

AVI 182 BASIC ELECTRONIC THEORY.
PREREQUISITE: AVI. 181.
3 HOURS.

01095	LECT-DISC		1230-230	M W F	Q4 AIRPORT	GANDELMAN

AVI 184 AIRCRAFT NAVIGATION AND COMMUNICATIONS SYSTEM.
PREREQUISITE: AVI. 183 OR CONSENT OF INSTRUCTOR.
5 HOURS.

01096	LECT-DISC		8-11	M W F	Q4 AIRPORT	GANDELMAN

AVI 186 F. A. A. AND F. C. C. REGULATIONS.
3 HOURS.

01097	LECT-DISC	1230-330	TU TH	Q4 AIRPORT	GANDELMAN

AVI 186 AIRCRAFT INSTRUMENTATION.
PREREQUISITE: AVI. 183.
3 HOURS.

01098	LECT-DISC	8-11	TU TH	Q4 AIRPORT	GANDELMAN

BANDS

DEPARTMENT OFFICE 140 BAND

THE FOLLOWING COURSE IS OPEN TO STUDENTS WHO HAVE BEEN ACCEPTED BY EXAMINATION FOR MEMBERSHIP IN ONE OF THE UNIVERSITY BANDS: CONCERT BAND, FIRST REGIMENTAL BAND, SECOND REGIMENTAL BAND. ASSIGNMENTS ARE MADE ACCORDING TO PROFICIENCY AND INSTRUMENTATION. COMPLETION OF THE COURSE INVOLVES, IN ADDITION TO THE SCHEDULE OF REHEARSALS, PARTICIPATION IN THE PUBLIC APPEARANCES OF THE BANDS.

NEW BAND STUDENTS SHOULD MAKE APPOINTMENTS FOR AUDITIONS AT THE BANDS OFFICE BEFORE OR AT THE BEGINNING OF EITHER THE ADVANCE ENROLLMENT ADVISING PERIOD OR REGISTRATION WEEK. THOSE WHO ARE ACCEPTED WILL BE GIVEN BAND REGISTRATION PERMITS, WITH INDICATION OF THE BAND TO WHICH ASSIGNED AND THE REHEARSAL DAYS AND HOURS--TWO OR THREE TIMES A WEEK.

ALL MEMBERS MUST BE REGISTERED IN BAND 101.

THIS COURSE IS CONSIDERED AS ENSEMBLE CREDIT BY THE SCHOOL OF MUSIC.

DIRECTOR BEGIAN, ASSISTANT DIRECTOR KISINGER, ASSISTANT DIRECTOR DUKER, MR. SEXTON, MR. FAIRCHILD, MR. HERMANN.

BANDS 101 BAND.
1/2 HOUR.
NO MOBILITY BETWEEN SECTIONS.
*SECTION A: LARGE SYMPHONIC BAND.
*SECTION B: SMALL SYMPHONIC BAND.
*SECTION C: FIRST CONCERT BAND.
*SECTION D: SECOND CONCERT BAND.
*SECTION E: SECOND CONCERT BAND.

01099	PRACT	*A	4-530	TU TH	141	BAND
01100	PRACT	*B	2	TU TH	141	BAND
		*B	7PM	W	141	BAND
01101	PRACT	*C	4-530	M W	141	BAND
01102	PRACT	*D	1	M W F	141	BAND
01103	PRACT	*E	2	M W F	141	BAND

DEPARTMENT OFFICE 415 EAST CHEMISTRY

MAJOR: TWENTY HOURS OF ADVANCED COURSE WORK IN BIOCHEMISTRY AND CHEMISTRY INCLUDING BIOCHEMISTRY 350 AND 355. ORGANIC CHEMISTRY THROUGH CHEMISTRY 336. AND ONE YEAR OF PHYSICAL CHEMISTRY (CHEMISTRY 342 AND 344 OR ALTERNATELY. CHEMISTRY 340 AND 346 OR CHEMISTRY 340 AND BIOCHEMISTRY 351). ADVANCED COURSE WORK EXCLUDES COURSES NUMBERED 199 AND 100 THROUGH 130.

MINORS: TWENTY OR MORE HOURS CHOSEN FROM PHYSICS. MATHEMATICS OR LIFE SCIENCE SO AS TO INCLUDE AT LEAST TWO 300 LEVEL COURSES IN LIFE SCIENCES.

DEPARTMENTAL DISTINCTION: STUDENTS IN BIOCHEMISTRY REGISTERED IN BIOCHEMISTRY 290 THESIS BECOME CANDIDATES FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

BIOCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01104	CONF		ARR					STAFF

BIOCH 290 THESIS.
PREREQUISITE: BIOCH. 350 AND 355. EACH STUDENT WHO DESIRES TO DO THESIS RESEARCH MUST RECEIVE WRITTEN PERMISSION FROM A MEMBER OF THE BIOCHEMISTRY FACULTY. ACCORDINGLY. PROSPECTIVE STUDENTS ARE ENCOURAGED TO CONTACT THE BIOCHEMISTRY STAFF IN THE SEMESTER PRIOR TO REGISTRATION IN THIS COURSE. REGISTRATION FOR A TOTAL OF 10 HOURS OVER 2 SEMESTERS IS EXPECTED.
*IN ORDER TO RECEIVE CREDIT A THESIS MUST BE PRESENTED BY EACH STUDENT REGISTERED IN BIOCH. 290.
*4 TO 6 HOURS.

01105	CONF		ARR					STAFF

BIOCH 350 GENERAL BIOCHEMISTRY.
PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

01106	LECT		9	TU TH S	100	M M B		MCCLURE

BIOCH 355 BIOCHEMISTRY LABORATORY.
PREREQUISITE: QUANTITATIVE ANALYTICAL CHEMISTRY AND CHEM. 131 OR 136 OR EQUIVALENT: REGISTRATION IN BIOCH. 350.
4 HOURS OR 1 UNIT.

01107	LAB-DISC	A	1	M W F	217	N L		SWITZER
	LAB	A	2-4	M W F	219	N L		
01108	LAB-DISC	B	1	TU TH	217	N L		
		B	10	S	217	N L		
	LAB	B	2-4	TU TH	219	N L		
		B	11	S	219	N L		

BIOCH 450 CHEMISTRY OF BIOLOGICAL PROCESSES.
PREREQUISITE: BIOCH. 350 AND 355.
1 UNIT.

01109	LECT		10	TU TH S	116	E C		CONRAD

BIOCH 452 EXPERIMENTAL TECHNIQUES IN BIOCHEMISTRY.
PREREQUISITE: BIOCH. 350 AND 355.
3/4 OR 1 UNIT.

01110	DISC		1	TU	115	E C		GUNSALUS
	LAB		2-5	TU	315	E C		
			1-5	TH	315	E C		

BIOCH 455 BIOCHEMISTRY SEMINAR.
REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS BIOCHEMISTRY.
PREREQUISITE: BIOCH. 350 AND 355. OR EQUIVALENT.
1/2 UNIT.

01111	LECT-DISC	A	2	F	115	E C		STAFF

BIOCH 490 SPECIAL TOPICS IN BIOCHEMISTRY.
PREREQUISITE: CONSENT OF HEAD OF THE DEPARTMENT.
1/4 TO 4 UNITS.

01112	CONF		ARR				STAFF

BIOCH 494 CHEMICAL BASIS OF BIOLOGICAL SPECIFICITY.
SAME AS CHEM. 494.
PREREQUISITE: CHEM. 344 AND 346, AND BIOCH. 350 OR 450; MCBIO. 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

01113	LECT		11	TU TH S	101	E C	MUNCK

BIOCH 499 THESIS RESEARCH.
0 TO 4 UNITS.

01114	CONF		ARR				STAFF

BIOLOGY

DEPARTMENT OFFICE 393 MOR HALL

HONORS MAJOR IN BIOLOGY - SEE UNDERGRADUATE COURSES BULLETIN.

GENERAL MAJOR IN BIOLOGY: BIOLOGY 110, 111 AND AN ADDITIONAL TWENTY HOURS OF COURSES AT THE 200 AND 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISER, AND INCLUDING AT LEAST ONE OF THE FOLLOWING: BIOLOGY 210, MICROBIOLOGY 200 AND 201, OR PHYSIOLOGY 301 AND 303. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, AND MATHEMATICS THROUGH MATHEMATICS 120 OR THE EQUIVALENT. CALCULUS AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

BIOL 101 BIOLOGICAL SCIENCE, II.
PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.
4 HOURS.
STUDENTS MUST REGISTER FOR ONE CONF/QUIZ COMBINATION:(QUIZ ARRANGED AT STUDENT'S CONVENIENCE FOR 1 HOUR BETWEEN 8:00 A.M. AND 6:00 P.M. ON THE DAY INDICATED. INDEPENDENT STUDY IN LEARNING CENTER (AUDIO-TUTORIAL). FOR 3-4 HOURS PER WEEK TO BE SCHEDULED BY THE STUDENT IN ROOM 425 NHB.

01115	CONF	1	11	TU	228	N H B	KIEFFER
	QUIZ	1	ARR	TH			
01116	CONF	2	1	TU	228	N H B	KIEFFER
	QUIZ	2	ARR	F			
01117	CONF	3	2	TU	228	N H B	KIEFFER
	QUIZ	3	ARR	M			

BIOL 111 PRINCIPLES OF BIOLOGY, II.
PREREQUISITE: BIOL. 110.
5 HOURS.
ECOLOGY FIELD TRIP-OPTIONAL. APPROXIMATE EXPENSE $3.00.

01118	LECT	1	8	M W F	228	N H B	LARSEN,SARGENT
01119	LECT	2	1	M W F	228	N H B	SWEENEY
01120	LAB	A	9-12	M	309	N H B	
	DISC	A	1	M	309	N H B	
01121	LAB	B	9-12	M	313	N H B	
	DISC	B	1	M	313	N H B	
01122	LAB	C	2-5	M	309	N H B	
	DISC	C	8	TU	309	N H B	
01123	LAB	D	2-5	M	313	N H B	
	DISC	D	8	TU	313	N H B	
01124	LAB	E	9-12	TU	309	N H B	
	DISC	F	1	TU	309	N H B	
01125	LAB	F	9-12	TU	313	N H B	
	DISC	F	1	TU	313	N H B	
01126	LAB	G	2-5	TU	309	N H B	
	DISC	G	8	W	309	N H B	
01127	LAB	H	2-5	TU	313	N H B	
	DISC	H	8	W	313	N H B	

BIOL 111 CONTINUED

01128	LAB	I	9-12	W	309	N H B		
	DISC	I	1	W	309	N H B		
01129	LAB	J	9-12	W	313	N H B		
	DISC	J	1	W	313	N H B		
01130	LAB	K	2-5	W	309	N H B		
	DISC	K	8	TH	309	N H B		
01131	LAB	L	2-5	W	313	N H B		
	DISC	L	8	TH	313	N H B		
01132	LAB	M	9-12	TH	309	N H B		
	DISC	M	1	TH	309	N H B		
01133	LAB	N	9-12	TH	313	N H B		
	DISC	N	1	TH	313	N H B		
01134	LAB	O	2-5	TH	309	N H B		
	DISC	O	8	F	309	N H B		
01135	LAB	P	2-5	TH	313	N H B		
	DISC	P	8	F	313	N H B		
01136	LAB	Q	9-12	F	309	N H B		
	DISC	Q	1	F	309	N H B		
01137	LAB	R	9-12	F	313	N H B		
	DISC	R	1	F	313	N H B		
01138	LAB	S	2-5	F	309	N H B		
	DISC	S	8	M	309	N H B		
01139	LAB	T	2-5	F	313	N H B		
	DISC	T	8	M	313	N H B		
01140	LAB	U	7-10PM	M	309	N H B		
	DISC	U	8	TU	231	N H B		
01141	LAB	V	7-10PM	M	313	N H B		
	DISC	V	8	TU	229	N H B		
01142	LAB	W	7-10PM	TU	309	N H B		
	DISC	W	8	W	231	N H B		
01143	LAB	X	7-10PM	TU	313	N H B		
	DISC	X	8	W	1	G H		
01144	LAB	Y	7-10PM	W	309	N H B		
	DISC	Y	4	TH	1	G H		
01145	LAB	Z	7-10PM	W	313	N H B		
	DISC	Z	4	TH	215	G H		
01146	LAB	AA	7-10PM	TH	309	N H B		
	DISC	AA	4	F	313	G H		
01147	LAB	BB	7-10PM	TH	313	N H B		
	DISC	BB	4	F	9	G H		

BIOL 151 THE CELL.
PREREQUISITE: CHEM. 102 OR 108: CONSENT OF INSTRUCTOR.
5 HOURS.
ENROLLMENT LIMITED TO STUDENTS APPROVED BY BIOLOGY HONORS COMMITTEE.

01148	LECT	&	11	M W F	206	H H	WHITT
	LAB	&	1-5	TU	102	H H	

BIOL 203 HONORS SEMINAR.
PREREQUISITE: JUNIOR OR SENIOR STANDING. 4.0 CUMULATIVE AVERAGE.
2 COURSES IN BIOLOGY OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE FOR CREDIT.
*1 HOUR.

01149	LECT-DISC	&A	7-9PM	M	136	BUR HALL
01150	LECT-DISC	&B	7-9PM	TU	136	BUR HALL
01151	LECT-DISC	&C	7-9PM	TU	384	MOR HALL
01152	LECT-DISC	&D	7-9PM	W	136	BUR HALL
01153	LECT-DISC	&E	3-5	TH	384	MOR HALL

BIOL 210 GENETICS.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
*CREDIT WILL NOT BE GIVEN FOR BIOL. 210 AND BIOL. 115 OR ZOOL. 106.
*4 HOURS.

01154	LECT-DISC	A	8	MTUWTHF	202	H H
01155	LECT-DISC	B	12	MTUWTHF	140	BUR HALL
01156	LECT-DISC	C	2	MTUWTHF	140	BUR HALL
01157	LECT-DISC	D	3	MTUWTHF	202	H H

BIOL 211 DEVELOPMENTAL BIOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT: CHEM. 133 OR 234.
4 HOURS.

01158	LECT		1	TU	124	BUR HALL	DAVENPORT
			1-3	TH	124	BUR HALL	
01159	DISC	A	3	TU	231	N H B	
01160	DISC	B	4	W	231	N H B	
01161	DISC	C	4	TH	231	N H B	

BIOL 251 THE ORGANISM.
PREREQUISITE: BIO. 151.
5 HOURS.

01162	LECT	&	11	M W F	202	H H			WILLIS
	LAB	&	1-5	F	102	H H			

BIOL 312 ENVIRONMENTAL BIOLOGY.
PREREQUISITE: ONE YEAR OF BIOLOGY OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

01163	LECT		3	M W F	228	N H B			BATZLI
	LAB		ARR						

BIOL 351 POPULATION BIOLOGY.
PREREQUISITE: BIOL. 151 AND 251, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01164	LECT		12	M W F	206	H H			GHENT
	LAB		1-3	TH	102	H H			

BIOL 411 DISCUSSIONS IN GENETICS AND CYTOGENETICS.
1/4 UNIT.

01165	LECT-DISC		4	W	140	BUR HALL			STAFF

BIOL 423 ELECTRON MICROSCOPY.
SAME AS CHEM. 423.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: A COURSE IN MODERN PHYSICS OR PHYSICAL CHEMISTRY (HAVING CALCULUS AS A PREREQUISITE), AFFORDING AN INTRODUCTION TO WAVE MECHANICS, AND CONSENT OF INSTRUCTOR.
1/2 UNIT.

01166	LECT		4	TU TH	242	BEV HALL			HALL

BIOL 429 ELECTRON MICROSCOPY WITH LABORATORY.
SAME AS CHEM. 429.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

01167	LECT		4	M W	242	BEV HALL			HALL, DAVIS
	LAB-DISC		4	F	242	BEV HALL			
	LAB		ARR		97	BEV HALL			

BIOL 430 BIOLOGICAL ULTRASTRUCTURE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.

01168	LECT		10	M W F	242	BEV HALL			HALL

BIOL 441 ADVANCED PLANT PHYSIOLOGY, II.
PREREQUISITE: BIOL. 440.
1 UNIT.

01169	LECT		9	M W F	111	N L			
			11	M	19S	N L			

BIOL 490 SPECIAL TOPICS IN BIOLOGY.
1/2 TO 2 UNITS.

01170	CONF		ARR						STAFF

BIOL 493 ADVANCED ELECTRON MICROSCOPY.
SAME AS CHEM. 493.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.
1/4 TO 1/2 UNIT.

01171	LAB-DISC		ARR		97	BEV HALL			HALL

BIOL 499 THESIS RESEARCH.
0 TO 4 UNITS.

01172	CONF		ARR						STAFF

DEPARTMENT OFFICE 524 BUR HALL

BIOPH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01173	LECT		ARR				STAFF

BIOPH 312 INTRODUCTION TO RADIOBIOLOGY.
PREREQUISITE: MATH. 142 OR 143, PHYSICS 8 HOURS, AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

01174	LECT		11	W F	136	BUR HALL	DUCOFF

BIOPH 402 ADVANCED BIOPHYSICS, II.
PREREQUISITE: ONE YEAR OF PHYSICS BEYOND INTRODUCTORY PHYSICS OR EQUIVALENT. CALCULUS. PHYSICAL CHEMISTRY.
1 UNIT.
TOPICS: MUSCLE AND EXCITABLE MEMBRANES, RADIOBIOLOGY, BIOACOUSTICS.

01175	LECT-DISC		9	M W F	136	BUR HALL	CONNOR & STAFF

BIOPH 404 PHYSIOLOGICAL MEASUREMENTS.
SAME AS PHYSL. 404.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A MAXIMUM OF 1 1/2 UNITS.
*1/4 TO 1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

01176	LAB	A	*8-12	TU TH	542	BUR HALL	BARKER AND
01177	LAB	B	*2-6	TU TH	542	BUR HALL	STAFF

BIOPH 406 PRINCIPLES OF BIOPHYSICAL MEASUREMENTS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 UNIT.

01178	LECT		1-3	M	231	N H B	STAFF

BIOPH 410 SPECIAL TOPICS IN BIOPHYSICS.
PREREQUISITE: BIOPH. 401 OR EQUIVALENT, BIOPH. 402 AND 403.
1/2 TO 1 UNIT.

01179	DISC		ARR				STAFF

BIOPH 411 SEMINAR
PREREQUISITE: ENROLLMENT IN THE BIOPHYSICS PROGRAM OR CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC--TO BE ARRANGED.

01180	CONF		ARR				STAFF

BIOPH 463 RADIOISOTOPES IN BIOLOGICAL RESEARCH: PRINCIPLES AND PRACTICE.
SAME AS V.M.S. 463 AND AN. S. 463.
PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

01181	LECT		11	M W	253	V M	TWARDOCK,
01182	LAB	A	1-5	TU	232	V M	BUBAR
01183	LAB	B	1-5	W	232	V M	
01184	LAB	C	1-5	TH	253	V M	

BIOPH 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING; CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

01185	CONF		ARR				STAFF

BIOPH 499 THESIS RESEARCH.
0 TO 4 UNITS.

01186	CONF		ARR				STAFF

DEPARTMENT OFFICE 297 MOR HALL

BOT 100 GENERAL BOTANY.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.
*4 HOURS.

01187	LECT	1	8	TU TH	228	N H B		HANEY
01188	LECT	2	9	TU TH	228	N H B		HANEY
01189	LAB-DISC	M	9-12	TU	258	N H B		STAFF
01190	LAB-DISC	R	1-4	TU	258	N H B		STAFF
01191	LAB-DISC	R	9-12	W	258	N H B		STAFF
01192	LAB-DISC	F	1-4	W	258	N H B		STAFF
01193	LAB-DISC	MM	9-12	TH	258	N H B		STAFF
01194	LAB-DISC	RR	1-4	TH	258	N H B		STAFF
01195	LAB-DISC	RB	9-12	F	258	N H B		STAFF
01196	LAB-DISC	FF	1-4	F	258	N H B		STAFF

BOT 101 GENERAL BOTANY FOR SELECTED STUDENTS.
PREREQUISITE: JAMES SCHOLAR STANDING OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH BOT. 100 AND 101.
*5 HOURS.

01197	LAB-DISC	&A	1-3	M	259	N H B		ARNTZEN
		&A	1-4	W	259	N H B		
		&A	1	F	259	N H B		

BOT 234 FORM AND FUNCTION IN FLOWERING PLANTS.
PREREQUISITE: BOT. 100 OR 101, OR A YEAR OF BIOLOGY; CHEM. 102.
3 HOURS.

01198	LECT		8	M W F	136	BUR HALL		HANSON

BOT 260 INTRODUCTORY PLANT TAXONOMY.
PREREQUISITE: BOT. 100 OR 101, OR BIOL. 110 AND 111, OR
D. G. S. 131 AND 132.
3 HOURS.

01199	LECT		10	TU TH	124	BUR HALL		PAYNE
01200	LAB	C	10-12	W	304	N H B		
01201	LAB	R	1-3	TU	304	N H B		
01202	LAB	T	3-5	TH	304	N H B		

BOT 300 INDIVIDUAL TOPICS.
PREREQUISITE: BOT. 100, TEN HOURS OF ADVANCED WORK IN BOTANY OR
ANOTHER BIOLOGICAL SCIENCE, SENIOR STANDING.
*GRADUATE STUDENTS MAY OFFER 1 UNIT TOWARD M. S.
*2 TO 5 HOURS, OR 1/4 TO 1/2 UNIT.

01203	CONF	&	ARR					STAFF

BOT 305 COMPARATIVE MORPHOLOGY-EMBRYOPHYTES.
PREREQUISITE: BOT. 345 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01204	LECT		9	M W	306	N H B		PHILLIPS
	LAB-DISC		10-12	M W	306	N H B		PHILLIPS

BOT 341 FIELD ECOLOGY.
PREREQUISITE: BOT. 260, 366, 381, 385, AND CONSENT OF INSTRUCTOR.
FIELD TRIP DURING SPRING VACATION.
*STUDENTS MAY ACCUMULATE 3 HOURS OR 3/4 UNIT.
*1 HOUR OR 1/4 UNIT.
DEPOSIT REQUIRED BY MARCH 1.

01205	LAB		ARR					HANEY

BOT 345 PLANT ANATOMY.
PREREQUISITE: ONE YEAR OF BOTANY.
4 HOURS OR 1 UNIT.

01206	LECT		1	M W	306	N H B		CAROTHERS
	LAB		2-4	M W	306	N H B		CAROTHERS

BOT 350 PHYCOLOGY.
PREREQUISITE: ONE YEAR OF BOTANY OR ANOTHER BIOLOGICAL SCIENCE,
OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01207	LAB-DISC		1-4	TU TH	306	N H B		HOFFMAN

BOT 352 VIRUSES. II.
SAME AS MCBIO. AND ZOOL. 352.
PREREQUISITE: BOT./MCBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR: BIOCHEMISTRY AND CALCULUS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

01209	LECT	9	M W F	140	BUR HALL	BLACK, MACLE REICHMANN

BOT 372 GENERAL MYCOLOGY.
PREREQUISITE: ONE YEAR OF BOTANY, ENTOMOLOGY, MICROBIOLOGY, OR ZOOLOGY, SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01208	LAB-DISC	10-12	M W F	408	N H B	ROGERS

BOT 402 MOLECULAR GENETICS: CHROMOSOME MECHANICS.
SAME AS MCBIO. AND ZOOL. 402.
PREREQUISITE: MCBIO. 316 AND 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

01210	LECT	10	M W F	231	N H B	CARL

BOT 403 PHYSIOLOGY OF FUNGI.
SAME AS PL. PA. 403.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT: ORGANIC OR BIOCHEMISTRY: MYCOLOGY: AND MICROBIOLOGY.
1 UNIT.

01211	LAB	8-10	TU	W121	T H	GOTTLIEB
	LECT	8	TH	W121	T H	GOTTLIEB

BOT 410 BOTANY DISCUSSIONS.
*NO CREDIT GIVEN EXCEPT FOR STUDENTS PRESENTING RESULTS OF THEIR PH. D. THESIS RESEARCH.
*0 OR 1/4 UNIT.

01212	LECT-DISC	3-5	TU	124	BUR HALL	BLACK

BOT 413 DISCUSSIONS IN PLANT PHYSIOLOGY.
1/4 UNIT.

01213	DISC	12	F	136	BUR HALL	ARNTZEN

BOT 418 DISCUSSIONS IN PLANT ECOLOGY AND PLANT GEOGRAPHY.
PREREQUISITE: GRADUATE STANDING IN BOTANY, ENTOMOLOGY, GEOGRAPHY, OR ZOOLOGY.
*STUDENTS MAY ACCUMULATE 1 1/2 UNITS.
*1/4 UNIT.

01214	DISC	4	M	308	N H B	BAZZAZ

BOT 419 DISCUSSIONS IN PHOTOSYNTHESIS AND RELATED TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 1 1/2 UNITS.
0 OR 1/4 UNIT.

01215	LECT-DISC	4	W	229	N H B	ARNTZEN GOVINDJEE

BOT 424 MINERAL NUTRITION OF PLANTS.
SAME AS HORT. AND AGRON. 424.
PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01216	LECT-DISC	11	TUWTHF	N107	T H	HAGEMAN

BOT 427 DISCUSSIONS IN MYCOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 UNIT.

01217	LECT-DISC	4	W	ARR		ROGERS

BOT 433 ADVANCED PHYSIOLOGY OF GROWTH, RESPONSES, AND REPRODUCTION.
PREREQUISITE: BOT. 330 OR EQUIVALENT.
1 UNIT.

01218	LECT	1	M W F	206	H H	NANCE

BOT 436 ADVANCED PLANT PHYSIOLOGY: PHOTOSYNTHESIS.
SAME AS AGRON. 436.
PREREQUISITE: ONE YEAR EACH OF COLLEGE BIOLOGY, CHEMISTRY AND PHYSICS: OR CONSENT OF INSTRUCTOR.
1 UNIT.

01219	LECT	9	TU TH	229	N H B	GOVINDJEE
	LAB	1-5	TH	ARR		GOVINDJEE

BOT 442 ENVIRONMENTAL PLANT PHYSIOLOGY.
SAME AS AGRON. 442.
PREREQUISITE: CHEM. 131, GENERAL PHYSICS, GENERAL OR PLANT PHYSIOLOGY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

01220	LECT	2-4	M W	308	N H B	BOYER

BOT 463 PLANT PRODUCTS.
PREREQUISITE: CHEM. 350 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

01221	LECT	8	M W F	304	N H B	SEIGLER

BOT 471 ADVANCED MYCOLOGY--SPECIAL GROUPS.
PREREQUISITE: BOT. 372 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

01222	LAB	4	TU	ARR		ROGERS

BOT 485 PLANT GEOGRAPHY OF NORTH AMERICA.
PREREQUISITE: BOT. 381 OR EQUIVALENT.
1 UNIT.

01223	LECT-DISC	10-12	M W F	308	N H B	BAZZAZ

BOT 493 ADVANCED STUDIES IN BOTANY.
* NOT MORE THAN 1 UNIT MAY BE APPLIED TOWARD THE GRADUATE COLLEGE M.S. DEGREE REQUIREMENT OF 3 UNITS OF COURSE WORK.
*1/2 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:

A--ANATOMY	CAROTHERS
B--BIOCHEMICAL CYTOLOGY	STEFFENSEN
C--BIOLOGICAL RHYTHMS	SARGENT
D--CYTOGENETICS & SPECIATION	DEWET
E--ECOLOGY	BAZZAZ, HANEY
F--GENETICS	COX, LAUGHNAN, TUVESON SARGENT
G--MORPHOGENESIS-DEVELOPMENT	SARGENT, VANDERHOEF
H--MORPHOLOGY	CAROTHERS, PHILLIPS
I--MYCOLOGY	ROGERS, TUVESON
J--PALEOBOTANY	PHILLIPS
K--PHOTOSYNTHESIS	ARNTZEN, GOVINDJEE, SYBESMA
L--PHYCOLOGY	HOFFMAN
M--PHYSIOLOGY	BOYER, DICKINSON, GOVINDJEE, HANSON, NANCE, AND VANDERHOEF
N--TAXONOMY	PAYNE, SEIGLER
O--ULTRASTRUCTURE	ARNTZEN, CAROTHERS, HOFFMAN
P--VIROLOGY	BLACK, MACLEOD

01224	LAB	ARR				STAFF

BOT 499 THESIS RESEARCH.
0 TO 4 UNITS.

01225	LAB	ARR				STAFF

DEPARTMENT OFFICE 350 COM W

BUS 299 INTERNATIONAL BUSINESS STUDY IN ABSENTIA.
PREREQUISITE: THE STUDENT MUST BE A COMMERCE MAJOR IN GOOD STANDING WHO HAS COMPLETED AT LEAST 45 SEMESTER HOURS TOWARD A BACHELOR'S DEGREE WITH AT LEAST ONE SEMESTER IN RESIDENCE AT THE UNIVERSITY OF ILLINOIS.
*THE COURSE MAY BE REPEATED FOR A MAXIMUM OF 36 CREDIT HOURS, ALL OF WHICH MUST BE EARNED WITHIN 12 CONSECUTIVE MONTHS.
*0 TO 18 HOURS.

01226	CONF		ARR		

BUS 499 THESIS RESEARCH
0 TO 4 UNITS.

01227	CONF		3-5	W	241 COM W

BUSINESS ADMINISTRATION

DEPARTMENT OF BUSINESS ADMINISTRATION--350 COM W

B ADM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01228	CONF		ARR		

B ADM 200 THE LEGAL ENVIRONMENT OF BUSINESS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.
*&N3 OPEN TO HONORS STUDENTS ONLY.

01229	LECT	1	10	M	141 COM W
01230	LECT	2	8	TU	114 D K H
01231	DISC	L	8	TU TH	122 D K H
01232	DISC	M1	9	TU TH	122 D K H
01233	DISC	M2	9	TU TH	130 COM W
01242	DISC	*&N3	10	TU TH	166 COM W
01234	DISC	N1	10	TU TH	122 D K H
01235	DISC	N2	10	TU TH	160 COM W
01236	DISC	P1	11	TU TH	122 D K H
01237	DISC	P2	11	TU TH	160 COM W
01238	DISC	R1	1	TU TH	160 COM W
01239	DISC	R2	1	TU TH	122 D K H
01240	DISC	S1	2	TU TH	160 COM W
01241	DISC	S2	2	TU TH	122 D K H

B ADM 201 BASIC PRINCIPLES OF BUSINESS LAW.
PREREQUISITE: JUNIOR STANDING: ACCY. 105: ECON. 102.
*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 201 IN ADDITION TO B. ADM. 261.
*3 HOURS.

01243	LECT-DISC	F	1	M W F	2 EDUC
01244	LECT-DISC	F	2	M W F	243 COM W

B ADM 202 PRINCIPLES OF MARKETING.
PREREQUISITE: ECON. 172 OR EQUIVALENT.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 202 AND B. ADM. 272.
*3 HOURS.
&S OPEN TO HONORS STUDENTS ONLY.

01245	LECT	1	1	TU TH	141 COM W
01246	DISC	A1	8	W F	160 COM W
01247	DISC	A2	8	W F	236 COM W
01248	DISC	B1	9	W F	160 COM W
01249	DISC	B2	9	W F	236 COM W
01250	DISC	C	10	W F	236 COM W
01251	DISC	D	11	W F	236 COM W
01252	DISC	E	1	W F	236 COM W
01253	DISC	F1	2	W F	236 COM W
01254	DISC	F2	2	W F	170 COM W
01255	DISC	G1	3	W F	170 COM W
01256	DISC	G2	3	W F	236 COM W
01258	DISC	&S	2	TU TH	170 COM W
01257	DISC	T	3	TU TH	170 COM W

B ADM 203 PRINCIPLES OF BUSINESS LAW.
PREREQUISITE: B. ADM. 200.
4 HOURS.

01259	LECT-DISC	B	9	MTUWTHF	241	COM W
01260	LECT-DISC	D	11	MTUWTHF	166	COM W

B ADM 206 MARKETING ENVIRONMENT.
PREREQUISITE: B. ADM. 202.
3 HOURS.

01261	LECT-DISC	A	8	M W F	241	COM W

B ADM 210 MANAGEMENT AND ORGANIZATIONAL BEHAVIOR.
PREREQUISITE: JUNIOR STANDING.
*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 210 AND B. ADM. 247.
*3 HOURS.
&R OPEN TO HONORS STUDENTS ONLY.

01262	LECT	1	6	TU	141	COM W
01263	DISC	A	8	W F	170	COM W
01264	DISC	B	9	W F	170	COM W
01265	DISC	M1	9	TU TH	170	COM W
01266	DISC	N1	10	TU TH	243	COM W
01267	DISC	N2	10	TU TH	170	COM W
01268	DISC	R1	11	TU TH	243	COM W
01269	DISC	P2	11	TU TH	170	COM W
01270	DISC	M2	9	TU TH	160	COM W
01274	DISC	&R	1	TU TH	170	COM W
01271	DISC	X1	12	TU TH	170	COM W
01272	DISC	T	3	TU TH	243	COM W
01273	DISC	X2	12	TU TH	243	COM W

B ADM 212 PRINCIPLES OF RETAILING.
PREREQUISITE: B. ADM. 202.
3 HOURS.

01275	LECT-DISC	D	11	M W F	122	D K H
01276	LECT-DISC	F	1	M W F	243	COM W

B ADM 247 INTRODUCTION TO MANAGEMENT.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: SOPHOMORE STANDING.
*A STUDENT WILL NOT RECEIVE CREDIT FOR B. ADM. 247 AND B. ADM. 210.
*3 HOURS.

01277	LECT-DISC	C	10	M W F	166	COM W

B ADM 249 HUMAN RELATIONS.
FOR NON-COMMERCE MAJORS ONLY.
PREREQUISITE: B. ADM. 210 OR 247.
3 HOURS.

01278	LECT-DISC	E	1	M W F	160	COM W

B ADM 261 SUMMARY OF BUSINESS LAW.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: JUNIOR STANDING.
*CREDIT TOWARD GRADUATION IS NOT GIVEN FOR B. ADM. 261 IN ADDITION TO B. ADM. 201.
*3 HOURS.

01279	LECT-DISC	B	9	M W F	122	D K H
01280	LECT-DISC	C	10	M W F	122	D K H

B ADM 272 INDUSTRIAL SELLING.
FOR NON-COMMERCE STUDENTS.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH B. ADM. 272 AND B. ADM. 202
*3 HOURS.

01281	LECT-DISC	E	1	M W F	170	COM W

B ADM 290 HUMAN VALUES AND BUSINESS BEHAVIOR.
PREREQUISITE: ADVANCED STANDING, JAMES SCHOLAR OR PARTICIPANT IN A DEPARTMENTAL HONORS PROGRAM.
3 HOURS.

01282	LECT-DISC	R	1-3	TU	152	COM W

B ADM 294 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
2 TO 4 HOURS.

01283	CONF		8-10	W	243	COM W

B ADM 295 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.
2 TO 4 HOURS.

01284	CONF	10-12	W	243	COM W	

B ADM 301 THE LAW OF THE UNIFORM COMMERCIAL CODE.
PREREQUISITE: B. ADM. 201 OR 261: SENIOR STANDING.
3 HOURS. OR 3/4 OR 1 UNIT.

01285	LECT-DISC E	1	M W F	122	D K H	
01286	LECT-DISC F	2	M W F	122	D K H	

B ADM 314 PRODUCTION.
PREREQUISITE: B. ADM. 374 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

01287	LECT-DISC	2	M W F	160	COM W	

B ADM 315 MANAGEMENT IN MANUFACTURING.
PREREQUISITE: B. ADM. 314.
3 HOURS OR 1/2 UNIT.

01288	LECT-DISC	1-230	TU TH	236	COM W	

B ADM 320 MARKETING RESEARCH.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

01289	LECT-DISC E	1	M W F	226	COM W	
01290	LECT-DISC F	2	M W F	226	COM W	

B ADM 321 INDUSTRIAL SOCIAL SYSTEMS, I.
SAME AS L. I. R. 321.
PREREQUISITE: B. ADM. 210: PSYCH. 100: PSYCH. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 TO 1 UNIT.

01291	LECT-DISC B	9	M W F	166	COM W	
01292	LECT-DISC E	1	M W F	166	COM W	

B ADM 323 INDUSTRIAL SOCIAL SYSTEMS, II.
PREREQUISITE: B. ADM. 321 AND PSYCH 201.
3 HOURS. OR 1/2 TO 1 UNIT.

01293	LECT-DISC A	8	M W F	166	COM W	

B ADM 337 ADVERTISING AND SALES MANAGEMENT.
PREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

01294	LECT-DISC G	3-430	M F	226	COM W	
01295	LECT-DISC R	1-230	TU TH	226	COM W	

B ADM 344 CONSUMER BEHAVIOR.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

01296	LECT-DISC C	10	M W F	241	COM W	
01297	LECT-DISC D	11	M W F	241	COM W	

B ADM 351 PERSONNEL ADMINISTRATION.
PREREQUISITE: B. ADM. 323. AND ECON. 173 AND 240.
*CREDIT WILL NOT BE GIVEN FOR B. ADM. 351 AND PSYCH. 145 OR 245 AND I. ADM. 448 OR 449.
*3 HOURS. OR 1/2 TO 1 UNIT.

01298	LECT	10	M W F	32	PSYCH BLD	

B ADM 352 PRICING POLICIES.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

01299	LECT-DISC D	11	M W F	160	COM W	

B ADM 360 MARKETING LOGISTICS.
PREREQUISITE: B. ADM. 202.
3 HOURS OR 1/2 UNIT.

01300	LECT-DISC R	1-3	TU TH	130	COM W	

B ADM 370 INTERNATIONAL MARKETING.
PREREQUISITE: B. ADM. 202: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

01301	LECT-DISC	C	10-12	MTU		96	COM W

B ADM 373 ELECTRONIC DATA PROCESSING FOR BUSINESS.
PREREQUISITE: ECON. 170. ACCY. 106 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.
STUDENT SHOULD HAVE PRIOR COMPUTER BACKGROUND.

01302	LECT-DISC	R	1-3	M	F	91	COM W

B ADM 374 OPERATIONS RESEARCH.
PREREQUISITE: ECON. 173 AND B. ADM. 210. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

01303	LECT-DISC	N	10-12	TU TH		241	COM W
01304	LECT-DISC	F	2	M W F		166	COM W

B ADM 380 ADVANCED MARKETING MANAGEMENT.
PREREQUISITE: B. ADM. 320 AND 337.
3 HOURS OR 1/2 UNIT.

01305	LECT-DISC		1-230	TU TH		241	COM W

B ADM 389 BUSINESS POLICY.
PREREQUISITE: B. ADM 321 OR 344. B. ADM. 374 AND SENIOR STANDING.
3 HOURS OR 1/2 UNIT.

01306	LECT-DISC		3-430	M TH		166	COM W

B ADM 402 SCIENTIFIC MANAGEMENT. II.
SAME I. E. 402.
PREREQUISITE: B. ADM. OR I. E. 401: BACKGROUND IN COMPUTER TECHNOLOGY OR CONSENT OF INSTRUCTOR.
1 TO 1 1/2 UNITS.

01307	LECT-DISC		3-5	TU TH		235	M E B

B ADM 406 DEVELOPMENT OF MARKETING THOUGHT.
PREREQUISITE: B. ADM. 405.
1 UNIT.

01308	LECT-DISC		10-12	TU		111	D K H

B ADM 411 ORGANIZATIONAL SCIENCES. II.
SAME AS POL. S. 461. PSYCH. 454. AND SOC. 457.
PREREQUISITE: B. ADM. 410.
1 UNIT.

01309	LECT-DISC		8-10	TU		96	COM W

B ADM 416 CONSUMER INFORMATION PROCESSING.
PREREQUISITE: B. ADM. 415.
1 UNIT.

01310	LECT-DISC		10-12	W		96	COM W

B ADM 422 MARKETING STRATEGY: DECISION MODELS.
PREREQUISITE: B. ADM. 421.
1 UNIT.

01311	LECT-DISC		10-12	TH		96	COM W

B ADM 473 EXPERIMENTAL DESIGN.
1 UNIT.

01312	LECT-DISC		8-10	WTH		96	COM W

B ADM 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS.
SAME AS PSYCH. AND SOC. 485.
PREREQUISITE: SOC. 387 OR ECON. 371. OR CONSENT OF INSTRUCTOR.
1 UNIT.

01313	LECT-DISC		3-5	M		122	D K H

B ADM 490 SEMINAR IN BUSINESS ADMINISTRATION.
1 UNIT.

01314	CONF	E1	ARR				
01315	LECT-DISC	E2	1-3	W	F	96	COM W
01316	LECT-DISC	T	3-430	M	F	30	COM W

B ADM 491 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
1/4 TO 1 UNIT.

01317	LECT-DISC	E1	1-3	M TH	96	COM	W
01318	CONF	F2	1-3	"	241	COM	W

B ADM 499 THESIS RESEARCH.
0 TO 4 UNITS.

01319	CONF		8	M W F	122	D K	H

B ADM 501 THE ECONOMIC ENVIRONMENT.
*GRADUATE CREDIT MAY NOT BE RECEIVED FOR BOTH ECON. 401 AND B. ADM. 501. OR ECON. 301 AND B. ADM. 501.
*1 UNIT.

01320	LECT-DISC	A	8-10	M F	243	COM	W
01321	LECT-DISC	G	3-5	M W	243	COM	W

B ADM 511 ORGANIZATIONAL BEHAVIOR.
PREREQUISITE: B. ADM. 408.
1 UNIT.

01322	LECT-DISC	E	1-3	M F	241	COM	W
01323	LECT-DISC	T	3-5	TU TH	226	COM	W

B ADM 520 MARKETING.
1 UNIT.

01324	LECT-DISC		1-3	TU TH	243	COM	W

B ADM 531 PRODUCTION MANAGEMENT.
1 UNIT.

01325	LECT-DISC		8-10	TU TH	243	COM	W

B ADM 533 QUANTITATIVE TECHNIQUES IN PRODUCTION.
PREREQUISITE: B. ADM. 532 OR EQUIVALENT.
1 UNIT.

01326	LECT-DISC		1-230	TU TH	236	COM	W

B ADM 543 THE LAW AND BUSINESS POLICY.
1 UNIT.

01327	LECT-DISC		8-10	W F	224	D K	H

B ADM 544 BUSINESS POLICY AND PLANNING.
PREREQUISITE: B. ADM. 408. 520. 531. 551. OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH B. ADM. 544 AND B. ADM. 389.
*1 UNIT.

01328	LECT-DISC		1-3	TU TH	166	COM	W

B ADM 551 FINANCIAL MANAGEMENT.
1 UNIT.

01329	LECT-DISC		10-12	M F	243	COM	W

B ADM 553 FINANCIAL MANAGEMENT AND CONTROL. II.
PREREQUISITE: B. ADM. 552.
1 UNIT.

01330	LECT-DISC		8-10	TU TH	166	COM	W

B ADM 563 CONTROLLERSHIP.
PREREQUISITE: B. ADM. 562 OR EQUIVALENT.
1 UNIT.

01331	LECT-DISC		10-12	W F	170	COM	W

B ADM 573 THE QUANTITATIVE ANALYSIS OF DECISIONS.
PREREQUISITE: B. ADM. 570.
1 UNIT.

01332	LECT-DISC	N1	10-12	TU TH	236	COM	W
01333	LECT-DISC	N2	10-12	TU TH	310	D K	H

B ADM 574 APPLICATION OF OPERATIONS RESEARCH TECHNIQUES.
PREREQUISITE: B. ADM. 573.
1 UNIT.

01334	LECT-DISC		1-3	TU TH	130	COM	W

B ADM 575 BUSINESS SIMULATION.
PREREQUISITE: B. ADM. 573.
1 UNIT.

01335	LECT-DISC		3-5	TU TH		96	COM W

B ADM 577 ECONOMICS OF DECISION MAKING.
PREREQUISITE: B. ADM. 572.
1 UNIT.

01336	LECT-DISC		8-10	M	F	96	COM W

B ADM 579 MATHEMATICAL PROGRAMMING FOR MANAGEMENT SCIENCE.
PREREQUISITE: MATH. 315 OR EQUIVALENT.
1 UNIT.

01337	LECT-DISC		3-5	M	F	96	COM W

B ADM 582 INTERNATIONAL BUSINESS OPERATIONS, I.
PREREQUISITE: SECOND YEAR M.B.A. STANDING.
1 UNIT.

01338	LECT-DISC	C	10-12	MTU		96	COM W

B ADM 583 INTERNATIONAL BUSINESS OPERATIONS, II.
PREREQUISITE: B. ADM. 582.
1 UNIT.

01339	LECT-DISC		1-3	M	F	21	D K H

B ADM 590 INDEPENDENT STUDY AND RESEARCH.
1/2 TO 1 UNIT.

01340	LECT-DISC	G	3-5	M	F	241	COM W
01341	LECT-DISC	L	8-10	TU TH		236	COM W
01342	LECT-DISC	R	1-230	TU TH		236	COM W
01343	LECT-DISC	T	3-5	TU TH		241	COM W

B ADM 599 THESIS RESEARCH.
C TO 4 UNITS.

01344	CONF		ARR				

BUSINESS AND TECHNICAL WRITING

DEPARTMENT OFFICE 313 D K H

RHET 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC: COMMUNICATIONS & ORGANIZATIONAL BEHAVIOR.

01345	CONF		7-9PM	TH	317A	D K H	WEEKS

RHET 251 BUSINESS AND ADMINISTRATIVE COMMUNICATION.
PREREQUISITE: FULFILLMENT OF CAMPUS RHETORIC REQUIREMENT.
3 HOURS.
STUDENTS SHOULD ENROLL IN ONE LECTURE AND ONE DISCUSSION.

01346	LECT	1	9	TH	101	ARMORY	WEEKS
01347	LECT	2	10	TU	101	ARMORY	WEEKS
01348	LECT	3	12	M	101	ARMORY	GIESELMAN
01349	LECT	4	3	W	101	ARMORY	GIESELMAN
01350	DISC	A	8	W F	328	D K H	DAVIS
01351	DISC	B	9	W F	328	D K H	CROTTS
01352	DISC	B2	9	M F	326	D K H	CHAPDU
01353	DISC	C	10	M W	328	D K H	GIESELMAN
01354	DISC	C2	10	TU F	326	D K H	STEELE
01355	DISC	D	11	M W	328	D K H	DOUGLAS
01356	DISC	E1	1	M F	326	D K H	KNECHT
01357	DISC	E2	1	M F	328	D K H	CHAPDU
01358	DISC	F	2	M W	326	D K H	KNECHT
01359	DISC	L	9	TU TH	328	D K H	DAVIS
01360	DISC	M	9	TU TH	328	D K H	STEELE
01361	DISC	P	11	TU TH	328	D K H	KNECHT
01362	DISC	X	12	W F	328	D K H	DOUGLAS
01363	DISC	X2	12	M F	326	D K H	BOWMAN
01364	DISC	R	1	TU TH	328	D K H	BOWMAN
01365	DISC	S	2	TU TH	328	D K H	WEEKS

RHET 271 SALES WRITING.
SAME AS ADV. 288.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
2 HOURS.

01366	LECT-DISC	C	10	M W	326	D K H		MAGUIRE
01367	LECT-DISC	M	9	TU TH	326	D K H		MAGUIRE
01368	LECT-DISC	P	11	TU TH	326	D K H		MAGUIRE
01369	LECT-DISC	D	11	W F	326	D K H		STEELE
01370	LECT-DISC	R	1	TU TH	326	D K H		CHAPDU

RHET 272 REPORT WRITING.
PREREQUISITE: FULFILLMENT OF CAMPUS RHETORIC REQUIREMENT.
3 HOURS.
*AFTER THE FIRST MONTH, THE COURSE WILL BE TAUGHT BY CONFERENCE
WITH INDIVIDUAL STUDENTS.

01371	LECT	A	*8	M W F	326	D K H		TIBBETTS
	CONF	A	*ARR					
01372	LECT	F	*2	M W F	328	D K H		GIESELMAN
	CONF	F	*ARR					
01373	LECT	G	*3	M W F	326	D K H		TIBBETTS
	CONF	G	*ARR					

RHET 292 INDEPENDENT STUDY.
PREREQUISITE: COMPLETION OF THE CAMPUS FRESHMAN RHETORIC
REQUIREMENT.
3 HOURS.

01374	CONF		ARR					WEEKS, TIBBETTS, GIESELMAN, DOUGLAS AND MAGUIRE

CERAMIC ENGINEERING

DEPARTMENT OFFICE 203 CER

CER E 102 CERAMIC MATERIALS AND PROCESSES.
PREREQUISITE: SOPHOMORE STANDING.
FIELD TRIP.
3 HOURS.

01375	LECT		8	TU TH	218	CER		WILLMORE
01376	LAB	A	2-5	TU	113	CER		WILLMORE
01377	LAB	B	2-5	TH	113	CER		WILLMORE

CER E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01378	CONF		ARR					

CER E 208 THERMAL PROCESSING.
PREREQUISITE: JUNIOR STANDING IN CERAMIC ENGINEERING.
3 HOURS.

01379	LECT		8	M W F	218	CER		NELSON

CER E 216 RATE PROCESS IN CERAMIC ENGINEERING.
PREREQUISITE: CHEM. 245 AND JUNIOR STANDING IN CERAMIC ENGINEERING.
3 HOURS.

01380	LECT		9	TU TH	218	CER		BERGERON
01381	LAB	A	2-5	M	113	CER		BERGERON
01382	LAB	B	2-5	F	113	CER		BERGERON

CER E 221 PYROMETRY.
PREREQUISITE: JUNIOR STANDING, SOPHOMORE PHYSICS.
2 HOURS.

01383	LECT		11	TH	218	CER		WILLMORE
01384	LAB	A	2-5	TU	317	CER		WILLMORE
01385	LAB	B	2-5	TH	317	CER		WILLMORE

CER E 222 CERAMIC COATINGS.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING.
3 HOURS.

01386	LECT		1	M W	218	CER	COOK
01387	LAB	A	2-5	TU	102	CER	COOK
01388	LAB	B	2-5	TH	102	CER	COOK

CER E 272 CERAMIC ENGINEERING DESIGN.
PREREQUISITE: T. A. M. 221, CER. E. 208 AND 271.
2 HOURS.

01389	LECT		2	W	218	CER	NELSON
	LAB-DISC		3-6	W	218	CER	NELSON

CER E 298 SPECIAL PROBLEM.
PREREQUISITE: SENIOR STANDING.
1 TO 2 HOURS.

01390	CONF	ARR

CER E 299 SENIOR THESIS.
PREREQUISITE: SENIOR STANDING AND A GRADE POINT AVERAGE OF 4.0 OR BETTER.
*STUDENTS MAY REGISTER MORE THAN ONCE FOR A MAXIMUM OF FIVE HOURS. TO RECEIVE CREDIT, A THESIS MUST BE PRESENTED.
*1 TO 5 HOURS.

01391	CONF	ARR

CER E 301 ADVANCED CHEMISTRY AND TECHNOLOGY OF GLASS.
PREREQUISITE: CER. E. 214 OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

01392	LECT		1	TU TH	218	CER	TOOLEY

CER E 310 REFRACTORY TECHNOLOGY.
PREREQUISITE: SENIOR STANDING IN ENGINEERING.
3 HOURS. OR 3/4 OR 1 UNIT.

01393	LECT		9	M W F	218	CER	ALLEN

CER E 331 CERAMIC MICROSCOPY.
PREREQUISITE: CER. E. 205 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

01394	LECT		2	TU	322	CER	ALLEN
	LAB		3-6	TU	322	CER	ALLEN
			10-12	TH	322	CER	ALLEN

CER E 340 ELECTRICAL CERAMICS.
PREREQUISITE: CER. E. 305 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

01395	LECT		11	M W	211	CER	WIRTZ
01396	LAB	A	9-12	TU	211	CER	WIRTZ
01397	LAB	B	2-5	TH	211	CER	WIRTZ

CER E 389 NUCLEAR CERAMICS.
SAME AS NUC. E. 389.
PREREQUISITE: CHEM. 245, PHYCS. 383, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01398	LECT		1	MTUW	322	CER	ALLEN

CER E 402 CERAMICS.
PREREQUISITE: COURSES IN PHYSICS AND CHEMISTRY.
1 OR 2 UNITS.

01399	LECT	ARR	216	CER

CER E 406 GLASS TECHNOLOGY.
PREREQUISITE: CER. E. 405 OR CONSENT OF INSTRUCTOR.
*FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
*3/4 TO 1 UNIT.

01400	LECT		9	TU TH	214	CER	TOOLEY

CER E 409 WHITEWARES.
PREREQUISITE: CER. E. 309 AND 340 OR EQUIVALENT.
1 OR 1 1/2 UNITS.

01401	LECT		9-10	TU TH	319	CER	COOK

CER E 410 STRUCTURAL PHYSICAL CERAMICS.
#FOR 1 UNIT ARRANGE EXTRA CONTACT HOURS WITH INSTRUCTOR.
#3/4 TO 1 UNIT.
01402 LECT 10 M W F 215 CER BROWN

CER E 495 MATERIALS AND SPECIAL PROBLEMS.
PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
1 TO 2 UNITS.
01403 CONF ARR
INSTRUCTORS-ALLEN, BERGER, BERGERON, BROWN, COOK, FRIEDBERG, KENNER, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CER E 499 SEMINAR IN CERAMICS.
#REGISTRATION REQUIRED OF ALL GRADUATE STUDENTS IN CERAMIC ENGINEERING.
PREREQUISITE: GRADUATE STANDING IN CERAMIC ENGINEERING.
0 CREDIT.
01404 CONF 1 TH 215 CER FRIEDBERG

CER E 600 THESIS RESEARCH.
PREREQUISITE: CER. E. 511, GRADUATE STANDING IN CERAMIC ENGINEERING.
2 TO 4 UNITS.
01405 CONF ARR
INSTRUCTORS-ALLEN, BERGERON, BROWN, COOK, FRIEDBERG, NELSON, TOOLEY, WILLMORE, WILLIAMS, WIRTZ.

CHEMICAL ENGINEERING

DEPARTMENT OFFICE 113 EAST CHEMISTRY

CH E 195 UNDERGRADUATE OPEN SEMINAR.
#MAY BE REPEATED.
#0 TO 2 HOURS.
CONSENT OF INSTRUCTOR REQUIRED.
01406 CONF ARR STAFF

CH E 261 INTRODUCTION TO CHEMICAL ENGINEERING.
PREREQUISITE: CHEM. 102 OR 108.
3 HOURS.
01407 LECT-DISC 11 M W F 204 E C KOZINSKI

CH E 290 THESIS.
LIMITED IN GENERAL TO SENIORS IN THE CHEMICAL ENGINEERING CURRICULUM. ANY OTHERS MUST HAVE THE CONSENT OF THE HEAD OF THE DEPARTMENT.
2 TO 6 HOURS.
01408 CONF ARR STAFF

CH E 368 SELECTED TOPICS IN CHEMICAL ENGINEERING.
PREREQUISITE: SENIOR STANDING IN CHEMICAL ENGINEERING OR CONSENT OF INSTRUCTOR.
2 OR 3 HOURS. OR 3/4 OR 1 UNIT.
01409 LECT 9 M W 101 E C HUDSON

CH E 371 FLUID MECHANICS AND HEAT TRANSFER.
PREREQUISITE: CH. E. 261, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
01410 LECT 11 M W F 115 E C HANRATTY
DISC 1 F 115 E C

CH E 374 CHEMICAL ENGINEERING LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 373.
3 HOURS OR 1/2 UNIT.
#ONE HOUR TO BE ARRANGED.
01411 DISC #ARR ALKIRE
LAB #1-6 TH P E C

CH E 379 CHEMICAL ENGINEERING PROJECTS.
PREREQUISITE: SENIOR STANDING IN CHEMISTRY OR CHEMICAL ENGINEERING.
2 HOURS OR 1/2 UNIT.

01412	LAB	A	1-5	M	[illegible]	[illegible]	WESTWATER
01413	LAB	B	1-5	TU	204	[illegible]	

CH E 381 CHEMICAL REACTION ENGINEERING.
PREREQUISITE: CH. E. 373.
2 HOURS OR 1/2 UNIT.

01414	LECT	10	TU TH	101	[illegible]		SCHMITZ

CH E 384 PROCESS DESIGN.
PREREQUISITE: CREDIT OR REGISTRATION IN CH. E. 381.
1 HOUR OR 1/4 UNIT.

01415	DISC	2-5	F	195	[illegible]		SCHMITZ

CH E 465 CHEMICAL ENGINEERING SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS CHEMICAL ENGINEERING.
PREREQUISITE: CH. E. 373.
1/4 UNIT.

01416	LECT-DISC	10-12	TU	193	[illegible]		DRICKAMER

CH E 467 FLUID DYNAMICS.
PREREQUISITE: CH. E. 464.
1 UNIT.

01417	LECT	9	M W F	119	[illegible]		SANI

CH E 468 ADVANCED TOPICS IN HEAT AND MASS TRANSFER.
PREREQUISITE: CH. E. 464 OR CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

01418	LECT	11	M W	171	[illegible]		ALKIRE

CH E 499 THESIS RESEARCH.
1 TO 4 UNITS.
INSTRUCTORS: ALKIRE, DRICKAMER, ECKERT, HANRATTY, HUDSON, KOZINSKI, SANI, SCHMITZ, WESTWATER.

01419	CONF	ARR					STAFF

CHEMISTRY

DEPARTMENT OFFICE 106 NOYES LAB

CHEMISTRY CURRICULUM: SEE UNDERGRADUATE STUDY CATALOG.

CHEMISTRY MAJORS IN THE SCIENCES AND LETTERS CURRICULUM: SEE UNDERGRADUATE COURSES CATALOG.

CHEM 1[illegible] INTRODUCTORY CHEMISTRY.
NO PREVIOUS CREDIT IN HIGH SCHOOL CHEMISTRY IS PRESUMED.
PREREQUISITE: TWO AND ONE-HALF UNITS IN HIGH SCHOOL MATHEMATICS OR CREDIT OR REGISTRATION IN MATH. 111 OR 112.
2 HOURS.
ATTENDANCE AT LECTURE, AT ASSIGNED QUIZ AND FOR 2-3 HOURS (UNSCHEDULED) IN AUDIO-TUTORIAL FACILITY (308 N. L.) IS REQUIRED WEEKLY.

01420	LECT	11	M W	112	[illegible]	A	
	LAB	ARR		308	[illegible]	L	
01421	QUIZ	A	11	F	210	[illegible]	A
01422	QUIZ	B	9	F	101	[illegible]	C
01423	QUIZ	C	11	F	101	[illegible]	C
01424	QUIZ	D	10	F	1[illegible]	[illegible]	C
01425	QUIZ	E	1	M W F	1[illegible]	[illegible]	L
01426	QUIZ	F	10	F	210	[illegible]	A
01427	QUIZ	G	9	F	210	[illegible]	A
01428	QUIZ	H	1[illegible]	F	201	[illegible]	L

CHEM 101 GENERAL CHEMISTRY.
FOR STUDENTS WHO HAVE SOME PRIOR KNOWLEDGE OF CHEMISTRY.
PREREQUISITE: CREDIT FOR OR EXEMPTION FROM MATH. 111 OR 112.
4 HOURS.
A STUDENT MUST REGISTER IN ONE LECTURE-DISCUSSION-LAB COMBINATION.
SECTIONS 613, 624 AND 636 ARE RESTRICTED TO DESIGNATED HONOR STUDENTS.
*SPECIAL EMPHASIS FOR COLLEGE OF AGRICULTURE STUDENTS.

01429	LECT-DISC	111	[illegible]	MTUW	F	[illegible]	C	A
	LAB	111	1-4	M		201	C	A
01430	LECT-DISC	112	9	MTUW	F	9	C	A
	LAB	112	1-4	M		201	C	A
01445	LECT-DISC	613	10	MTUW	F	9	C	A
	LAB	613	1-4	M		201	C	A
01446	LECT-DISC	*114	11	MTUW	F	9	C	A
	LAB	*114	1-4	M		201	C	A
01447	LECT-DISC	*115	12	MTUW	F	9	C	A
	LAB	*115	8-11	TH		201	C	A
01431	LECT-DISC	116	1	MTUW	F	9	C	A
	LAB	116	8-11	M		201	C	A
01448	LECT-DISC	*117	2	MTUW	F	9	C	A
	LAB	*117	8-11	M		201	C	A
01432	LECT-DISC	118	3	MTUW	F	9	C	A
	LAB	118	8-11	M		201	C	A
01433	LECT-DISC	119	4	MTUW	F	9	C	A
	LAB	119	8-11	M		201	C	A
01449	LECT-DISC	*121	6	MTUW	F	303	N	L
	LAB	*121	1-4	TU		201	C	A
01434	LECT-DISC	122	9	MTUW	F	303	N	L
	LAB	122	1-4	TU		201	C	A
01435	LECT-DISC	123	10	MTUW	F	303	N	L
	LAB	123	1-4	TU		201	C	A
01450	LECT-DISC	624	11	MTUW	F	303	N	L
	LAB	624	1-4	TU		201	C	A
01436	LECT-DISC	125	12	MTUW	F	303	N	L
	LAB	125	8-11	TH		201	C	A
01437	LECT-DISC	126	1	MTUW	F	303	N	L
	LAB	126	8-11	TU		201	C	A
01438	LECT-DISC	127	2	MTUW	F	303	N	L
	LAB	127	8-11	TU		201	C	A
01439	LECT-DISC	128	3	MTUW	F	303	N	L
	LAB	128	8-11	TU		201	C	A
01450	LECT-DISC	*129	4	MTUW	F	303	N	L
	LAB	*129	8-11	TU		201	C	A
01440	LECT-DISC	131	5	MTUW	F	312	N	L
	LAB	131	1-4	W		201	C	A
01451	LECT-DISC	*132	6	MTUW	F	312	N	L
	LAB	*132	1-4	W		201	C	A
01441	LECT-DISC	133	10	MTUW	F	312	N	L
	LAB	133	1-4	W		201	C	A
01442	LECT-DISC	134	11	MTUW	F	312	N	L
	LAB	134	1-4	W		201	C	A
01443	LECT-DISC	135	12	MTUW	F	312	N	L
	LAB	135	8-11	TH		201	C	A
01455	LECT-DISC	636	1	MTUW	F	312	N	L
	LAB	636	8-11	W		201	C	A
01452	LECT-DISC	*137	2	MTUW	F	312	N	L
	LAB	*137	8-11	W		201	C	A
01444	LECT-DISC	138	3	MTUW	F	312	N	L
	LAB	138	8-11	W		201	C	A
01445	LECT-DISC	139	4	MTUW	F	312	N	L
	LAB	139	8-11	W		201	C	A

CHEM 107 GENERAL CHEMISTRY.
PREREQUISITE: CHEM. 101, OR 107, OR ADVANCED PLACEMENT CREDIT FOR ONE SEMESTER OF COLLEGE LEVEL CHEMISTRY.
4 HOURS.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB-LECTURE COMBINATION EXCEPT THOSE WISHING TO REGISTER IN SECTIONS 61X THROUGH 66X.
SECTIONS 6A4, 630, 642, 656, 674 AND 683 ARE RESTRICTED TO DESIGNATED HONOR STUDENTS.
*SPECIAL EMPHASIS FOR COLLEGE OF AGRICULTURE STUDENTS.

01456	QUIZ	1A	5	TU TH		195	N	L
	LAB	1A	9-12	TH		1	C	A
	LECT	A	1	TU TH		100	N	L
01457	QUIZ	*2A	6	TU TH		101	N	L
	LAB	*2A	9-12	TH		1	C	A
	LECT	*A	1	TU TH		100	N	L

CHEM 102 CONTINUED

01458	QUIZ	3A	9	M W	152	ARMLEY	
	LAB	3A	9-12	TH	1	C A	
	LECT	A	1	TU TH	100	N L	
01459	QUIZ	4A	9	W F	164	N L	
	LAB	4A	9-12	TH	1	C A	
	LECT	A	1	TU TH	100	N L	
01460	QUIZ	5A	10	M W	164	N L	
	LAB	5A	9-12	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01503	QUIZ	6A	11	M W	195	E C	
	LAB	6A	9-12	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01461	QUIZ	7A	11	W F	205	H H	
	LAB	7A	9-12	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01462	QUIZ	8A	12	M W	161	N L	
	LAB	8A	2-5	TH	1	C A	
	LECT	A	1	TU TH	100	N L	
01463	QUIZ	9A	12	M W	103	N L	
	LAB	9A	2-5	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01496	QUIZ	#10A	12	M W	162	N L	
	LAB	#10A	2-5	TH	101	C A	
	LECT	#A	1	TU TH	100	N L	
01497	QUIZ	11A	1	M W	162	N L	
	LAB	11A	2-5	TH	1	C A	
	LECT	A	1	TU TH	100	N L	
01464	QUIZ	12A	1	W F	101	E C	
	LAB	12A	2-5	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01465	QUIZ	13A	2	M W	111	N L	
	LAB	13A	2-5	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01466	QUIZ	14A	2	W F	193	E C	
	LAB	14A	2-5	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01467	QUIZ	15A	3	W F	195	N L	
	LAB	15A	2-5	TH	101	C A	
	LECT	A	1	TU TH	100	N L	
01468	QUIZ	21B	8	M W	111	N L	
	LAB	21B	9-12	F	201	C A	
	LECT	B	2	TU TH	100	N L	
01469	QUIZ	22B	8	TU TH	161	N L	
	LAB	22B	9-12	F	201	C A	
	LECT	B	2	TU TH	100	N L	
01470	QUIZ	23B	9	M W	206	H H	
	LAB	23B	9-12	F	201	C A	
	LECT	B	2	TU TH	100	N L	
01471	QUIZ	24B	9	TU TH	161	N L	
	LAB	24B	9-12	F	201	C A	
	LECT	B	2	TU TH	100	N L	
01472	QUIZ	25B	10	TU TH	115	E C	
	LAB	25B	9-12	F	1	C A	
	LECT	B	2	TU TH	100	N L	
01473	QUIZ	26B	11	TU TH	111	N L	
	LAB	26B	9-12	F	1	C A	
	LECT	B	2	TU TH	100	N L	
01474	QUIZ	27B	12	M W	111	N L	
	LAB	27B	9-12	F	1	C A	
	LECT	B	2	TU TH	100	N L	
01475	QUIZ	28B	12	M W	164	N L	
	LAB	28B	2-5	F	101	C A	
	LECT	B	2	TU TH	100	N L	
01476	QUIZ	29B	12	TU TH	115	E C	
	LAB	29B	2-5	F	101	C A	
	LECT	B	2	TU TH	100	N L	
01504	QUIZ	30B	1	M W	111	N L	
	LAB	30B	2-5	F	101	C A	
	LECT	B	2	TU TH	100	N L	
01498	QUIZ	#31B	1	TU TH	111	N L	
	LAB	#31B	2-5	F	101	C A	
	LECT	#B	2	TU TH	100	N L	
01499	QUIZ	#32B	2	M W	162	N L	
	LAB	#32B	2-5	F	1	C A	
	LECT	#B	2	TU TH	100	N L	
01477	QUIZ	33B	3	M W	164	N L	
	LAB	33B	2-5	F	1	C A	
	LECT	B	2	TU TH	100	N L	

CHEM 107 CONTINUED

01479	QUIZ	348	3	TU TH	199	E	C
	LAB	348	2-5	F	1	C	A
	LECT	8	2	TU TH	100	N	L
01479	QUIZ	358	3	TU TH	111	N	L
	LAB	358	2-5	F	1	C	A
	LECT	8	2	TU TH	100	N	L
01480	LECT-DISC	61X	8	TUWTHF	301	N	L
	LAB	61X	2-5	TU	101	C	A
01481	LECT-DISC	62X	9	TUWTHF	301	N	L
	LAB	62X	2-5	TU	101	C	A
01482	LECT-DISC	63X	10	TUWTHF	301	N	L
	LAB	63X	2-5	TU	101	C	A
01483	LECT-DISC	64X	11	TUWTHF	301	N	L
	LAB	64X	2-5	TU	101	C	A
01484	LECT-DISC	65X	12	TUWTHF	301	N	L
	LAB	65X	2-5		101	C	A
01485	LECT-DISC	666	1	TUWTHF	371	N	L
	LAB	666	9-12	TU	1	C	A
01486	LECT-DISC	67	2	TUWTHF	301	N	L
	LAB	67	9-12	TU	1	C	A
01486	LECT-DISC	68X	3	TUWTHF	301	N	L
	LAB	68X	9-12	TU	1	C	A
01487	LECT-DISC	71X	8	TUWTHF	300	N	L
	LAB	71X	2-5	TU	1	C	A
01488	LECT-DISC	72X	9	TUWTHF	300	N	L
	LAB	72X	2-5	TU	1	C	A
01489	LECT-DISC	73X	10	TUWTHF	300	N	L
	LAB	73X	2-5	M	101	C	A
01490	LECT-DISC	674	11	TUWTHF	300	N	L
	LAB	674	2-5	M	101	C	A
01490	LECT-DISC	#75X	12	TUWTHF	300	N	L
	LAB	#75X	2-5	M	171	C	A
01491	LECT-DISC	#76X	1	TUWTHF	300	N	L
	LAB	#76X	2-5	M	1	C	A
01492	LECT-DISC	77X	2	TUWTHF	300	N	L
	LAB	77X	2-5	M	1	C	A
01493	LECT-DISC	78X	3	TUWTHF	300	N	L
	LAB	78X	2-5	M	1	C	A
01493	LECT-DISC	81X	8	TUWTHF	3	C	A
	LAB	81X	8-11	M	1	C	A
01494	LECT-DISC	82X	9	TUWTHF	8	C	A
	LAB	82X	8-11	M	1	C	A
01497	LECT-DISC	683	10	TUWTHF	8	C	A
	LAB	683	8-12	M	1	C	A
01498	LECT-DISC	#84X	11	TUWTHF	8	C	A
	LAB	#84X	8-12	M	1	C	A
01494	LECT-DISC	85X	12	TUWTHF	8	C	A
	LAB	85X	8-12	TU	1	C	A
01495	LECT-DISC	86X	1	TUWTHF	8	C	A
	LAB	86X	2-5	M	1	C	A

CHEM 108 GENERAL CHEMISTRY.

PREREQ. ISITE: CHEM. 107 AND/OR 109: CONCURRENT REGISTRATION IN CHEM. 110.

#CREDIT MAY NOT BE GIVEN FOR BOTH CHEM. 108 AND 102.

#3 HOURS.

SECTIONS 618 AND 619 ARE RESTRICTED TO DESIGNATED HONOR STUDENTS.

01508	LECT		8	TU TH	100	N	L
01509	QUIZ	618	11	W F	195	N	L
		618	9	TH	112	C	A
	LAB	618	1-5	M	310	C	A
01511	QUIZ	619	1	W F	195	E	C
		619	1	TH	112	C	A
	LAB	619	8-12	M	310	C	A
01512	QUIZ	121	8	W F	115	E	C
		121	1	TU	112	C	A
	LAB	121	1-5	TH	310	C	A
01513	QUIZ	122	8	W F	164	N	L
		122	9	TU	112	C	A
	LAB	122	1-5	W	310	C	A
01511	QUIZ	123	10	W F	115	E	C
		123	1	TH	112	C	A
	LAB	123	1-5	F	310	C	A
01512	QUIZ	124	10	W F	105	N	L
		124	9	TU	112	C	A
	LAB	124	1-5	TU	310	C	A

CHEM 108 CONTINUED

01513	QUIZ	125	10	W F	217	N L	
		125	9	TU	112	C A	
	LAB	125	1-5	TU	310	C A	
01514	QUIZ	126	1	W F	116	E C	
		126	9	TH	112	C A	
	LAB	126	8-12	M	310	C A	
01515	QUIZ	127	11	W F	103	N L	
		127	9	TH	112	C A	
	LAB	127	1-5	M	310	C A	
01516	QUIZ	128	2	W F	101	E C	
		128	9	TU	112	C A	
	LAB	128	8-12	W	310	C A	
01517	QUIZ	129	1	W F			
		129	1	TH	112	C A	
	LAB	129	8-12	F	310	C A	
01518	QUIZ	130	8	W F	103	N L	
		130	1	TU	112	C A	
	LAB	130	1-5	W	310	C A	
01519	QUIZ	131	11	W F	162	N L	
		131	1	TU	112	C A	
	LAB	131	1-5	TH	310	C A	

CHEM 122 ELEMENTARY QUANTITATIVE ANALYSIS.
FOR ALL STUDENTS IN HOME ECONOMICS AND PREMEDICAL COURSES AND ALL OTHERS WHO HAVE NOT FOLLOWED THE SEQUENCE CHEM. 107 AND 108.
PREREQUISITE: CHEM. 102.
5 HOURS.
STUDENTS ARE REQUIRED TO TAKE THE QUIZ AND LABORATORY IN SOME ONE SECTION.

01522	LECT		11	M W	116	E C	STAFF
01523	QUIZ	A1	11	F	116	E C	
	LAB	A1	1-530	M W	301	C A	
01524	QUIZ	A2	11	F	201	N L	
	LAB	A2	1-530	M W	301	C A	
01525	QUIZ	A3	11	F	152	C A	
	LAB	A3	1-530	M W	301	C A	
01526	QUIZ	B1	11	F	193	E C	
	LAB	B1	1-530	TU TH	301	C A	
01527	QUIZ	B2	11	F	164	N L	
	LAB	B2	1-530	TU TH	301	C A	

CHEM 131 ELEMENTARY ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 102 OR CHEM. 108.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 131 AND 136.
*3 HOURS.

01528	LECT		8	M W F	100	N L	SMITH

CHEM 134 ELEMENTARY ORGANIC CHEMISTRY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 131.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 134 AND 181.
*2 HOURS.

01529	QUIZ	A1	9	M	217	N L	STAFF
01530	QUIZ	B1	3	M	112	C A	
01531	QUIZ	C1	9	TU	217	N L	
01532	LAB	A	1-5	TU	467	N L	
01533	LAB	B	1-5	W	467	N L	
01534	LAB	C	1-5	F	467	N L	
01535	LAB	D	8-12	TU	467	N L	
01536	LAB	E	8-12	TH	467	N L	

CHEM 136 BASIC ORGANIC CHEMISTRY.
PREREQUISITE: CONCURRENT REGISTRATION IN CHEM. 181: CHEM. 108 OR 122: MATH. 130, 131, OR 135.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 136 AND 131.
*3 HOURS.

01537	LECT		9	M W F	112	C A	PIRKLE

CHEM 181 STRUCTURE AND SYNTHESIS.
PREREQUISITE: CHEM. 108 OR 122, MATH. 130, 131, OR 135, CREDIT OR REGISTRATION IN CHEM. 136.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CHEM. 181 AND 134.
*2 HOURS.
LAB A AND D STUDENTS MUST REGISTER FOR QUIZ A1.
LAB B AND C STUDENTS MUST REGISTER FOR QUIZ B1.

01538	QUIZ	A1	2	TU	217	N L		STAFF
01541	QUIZ	B1	2	M	217	N L		
01539	LAB	A	8-12	TH	250	N L		
01542	LAB	B	8-12	TU	250	N L		
01543	LAB	C	1-5	TU	250	N L		
01540	LAB	D	1-5	TH	250	N L		

CHEM 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION C TOPIC: ANALYTICAL METHODS IN ENVIRONMENTAL SCIENCE.
4 HOURS. (STUDENT REGISTERING IN SECTION C MUST HAVE CONSENT OF INSTRUCTOR).
SECTION D TOPIC: CHEMISTRY AND BIOLOGY OF WATER POLLUTION - 1 HOUR.

01544	CONF	A	ARR					BELFORD
01545	CONF	B	ARR					STAFF
01546	LECT-DISC	C	9	M W	199	E C		NATUSCH
	LAB	C	ARR		167	E C		
01547	LECT	D	3	TH	112	C A		LAITINEN, METCALF

CHEM 29C THESIS.
*A MAXIMUM OF TEN HOURS MAY BE COUNTED TOWARDS GRADUATION AND A THESIS MUST BE PRESENTED FOR CREDIT TO BE RECEIVED.
*2 TO 6 HOURS.

01548	CONF		ARR					STAFF

CHEM 315 INORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN PHYSICAL CHEMISTRY.
3 HOURS OR 3/4 UNIT.

01549	LECT		11	M W F	161	N L		DRAGO

CHEM 316 INORGANIC CHEMISTRY LABORATORY.
PREREQUISITE: CREDIT IN CHEM. 383, OR CREDIT OR REGISTRATION IN CHEM. 315, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

01550	LECT		1	TU	103	N L		BAREFIELD
01551	LAB	A	*1-5	W	212	C A		
01552	LAB	B	*1-5	TH	212	C A		

CHEM 323 APPLIED ELECTRONICS FOR SCIENTISTS.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN ANY OF THE PHYSICAL SCIENCES OR ENGINEERING OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01553	LECT		9	TU TH	115	E C		MALMSTADT
01554	LAB	A	1-330	M W	75	E C		
01555	LAB	B	1-330	TU TH	75	E C		

CHEM 336 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 131 AND 134 OR CHEM. 136 AND 181.
3 HOURS OR 3/4 UNIT.
*LECTURE A FOR STUDENTS WITH A STRONG INTEREST IN THE BIOLOGICAL SCIENCES.

01557	LECT	*A	9	M W F	100	N L		KATZENEL'BOGI
01556	LECT	B	9	M W F	116	E C		BEAK

CHEM 337 ORGANIC CHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 336.
3 HOURS OR 3/4 UNIT.

01558	DISC		1	TU	161	N L		FORD
01559	LAB	A	2-4	TU	218	N L		
		A	1-4	TH	218	N L		
01560	LAB	B	10-12	TU	218	N L		
		B	9-12	TH	218	N L		

CHEM 338 SEPARATION, PURIFICATION AND IDENTIFICATION OF ORGANIC COMPOUNDS.
PREREQUISITE: CHEM. 336 AND 337.
4 HOURS OR 1 UNIT.

01561	DISC		1	M W	164	N L		CURTIN
	LAB		2-5	M W	218	N L		

CHEM 339 THEORETICAL ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 338 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

01562	LECT		11	M W F	111	N L		COATES

CHEM 342 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 108, 122, 123, OR EQUIVALENT; PHYCS. 106, 107, AND 108, OR TWO SEMESTERS OF GENERAL PHYSICS WITH CONCURRENT REGISTRATION IN THE THIRD SEMESTER; CREDIT OR REGISTRATION IN MATH. 140 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

01563	LECT		10	M W F	161	N L		LOMBARDI

CHEM 344 PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 342.
3 HOURS OR 3/4 UNIT.

01564	LECT		10	M W F	112	C A		TEIPEL

CHEM 346 PHYSICAL CHEMISTRY OF MACROMOLECULES.
PREREQUISITE: CHEM 344 OR 340.
3 HOURS OR 3/4 UNIT.

01565	LECT		9	M W F	162	N L		WETMUR

CHEM 348 ADVANCED PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 344 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

01566	LECT		10	M W F	111	N L		SCHMIDT

CHEM 349 ADVANCED PHYSICAL CHEMISTRY.
PREREQUISITE: CHEM. 348.
4 HOURS OR 1 UNIT.

01567	LECT		8	M W F	112	C A		YARDLEY

CHEM 383 DYNAMICS, STRUCTURE AND PHYSICAL METHODS.
PREREQUISITE: CHEM. 136 AND 181; CREDIT OR REGISTRATION IN PHYCS. 108, MATH. 140 AND CHEM. 342.
2 HOURS OR 1/2 UNIT.
*QUIZ A STUDENTS SHOULD REGISTER FOR LAB A1. QUIZ B STUDENTS SHOULD REGISTER FOR LAB B1 OR C1.

01568	QUIZ	*A	10	TH	162	N L		BEATTIE
01570	QUIZ	*B	10	TU	162	N L		
01569	LAB	*A1	8-12	TU	176	E C		
01571	LAB	*B1	8-12	TH	176	E C		
01572	LAB	*C1	1-5	F	176	E C		

CHEM 385 CHEMICAL FUNDAMENTALS.
PREREQUISITE: CHEM. 342 AND 383; CREDIT OR REGISTRATION IN CHEM. 344.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE QUIZ-LAB COMBINATION.

01573	QUIZ	A	2	F	161	N L		BELFORD
	LAB	A	1-5	M W	124	N L		
01574	QUIZ	B	2	M	19S	N L		
	LAB	B	1-5	TU TH	124	N L		
01575	QUIZ	C	2	TH	161	N L		
	LAB	C	8-12	TU TH	124	N L		

CHEM 395 HISTORY OF SCIENCE WITH PARTICULAR REFERENCE TO CHEMISTRY.
PREREQUISITE: TWENTY HOURS OF LABORATORY SCIENCE.
2 HOURS OR 1/2 UNIT.

01576	LECT		11	TU TH	115	E C		MCDONALD

CHEM 397 RADIOCHEMISTRY.
SAME AS NUC. E. 397.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

01577	LECT		10	TU TH S	111	N L		HUMMEL

CHEM 404 ADVANCED INORGANIC CHEMISTRY LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN A 400 LEVEL LECTURE COURSE IN INORGANIC CHEMISTRY.
1/4 OR 3/4 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

01578	LAB	A	*1-5	W	212	C A		BAREFIELD
01579	LAB	B	*1-5	TH	212	C A		

CHEM 405 INORGANIC CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS MAJORING IN INORGANIC CHEMISTRY.
1/4 UNIT.

01580	LECT-DISC		4	TU	112	C A		STUCKY

CHEM 407 SPECIAL TOPICS IN INORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 406 OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY REPEAT THIS COURSE FOR CREDIT.
*1/2 TO 1 UNIT.

01581	LECT		1	M W F	161	N L		HENDRICKSO AND STUCKY

CHEM 422 ELECTRICAL METHODS OF CHEMICAL ANALYSIS.
PREREQUISITE: CHEM. 344 OR EQUIVALENT.
1 UNIT.

01582	LECT		11	TU TH S	199	E C		O'REILLY
	LAB		ARR					

CHEM 423 ELECTRON MICROSCOPY.
SAME AS BIOL. 423.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: A COURSE IN MODERN PHYSICS OR PHYSICAL CHEMISTRY (HAVING CALCULUS AS A PREREQUISITE), AFFORDING AN INTRODUCTION TO WAVE MECHANICS, AND CONSENT OF INSTRUCTOR.
1/2 UNIT.

01583	LECT		4	TU TH	242	BEV HALL		HALL

CHEM 424 QUANTITATIVE ANALYSIS.
PREREQUISITE: GRADUATE STANDING IN CHEMISTRY.
1/2 UNIT.

01584	LECT		10	TU TH	199	E C		STAFF

CHEM 425 ANALYTICAL CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS ANALYTICAL CHEMISTRY.
1/4 UNIT.

01585	LECT-DISC		2	F	171	E C		JONAS

CHEM 429 ELECTRON MICROSCOPY WITH LABORATORY.
SAME AS BIOL. 429.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: TWO SEMESTERS OF GENERAL PHYSICS, TWO SEMESTERS OF COLLEGE MATHEMATICS, AND THREE SEMESTERS OF CHEMISTRY, AND CONSENT OF INSTRUCTOR.
1 UNIT.

01586	LECT		4	M W	242	BEV HALL		HALL
	LAB-DISC		4	F	242	BEV HALL		
	LAB		ARR		97	BEV HALL		

CHEM 432 ORGANIC CHEMISTRY.
PREREQUISITE: CHEM. 431 OR 336.
1 UNIT.

01587	LECT		11	M W F	217	N L		RINEHART

CHEM 434 ADVANCED ORGANIC SYNTHESIS.
1/4 TO 1 UNIT.

01588	LAB		ARR		218	N L		BEAK

CHEM 435 ORGANIC CHEMISTRY SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

01589	LECT-DISC		4	M TH	116	E C		LEONARD

HEM 436 EXPERIMENTAL ORGANIC CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 UNIT.

01590	LECT		11	S	116	E C	FORD

HEM 442 STATISTICAL MECHANICS.
PREREQUISITE: CHEM. 441 AND 446 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01591	LECT		10	M W F	101	E C	CHANDLER

HEM 443 QUANTUM DYNAMICS.
PREREQUISITE: REGISTRATION IN CHEM. 349 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01592	LECT		11	M W F	204N	H H	MARCUS

HEM 445 PHYSICAL CHEMISTRY SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS PHYSICAL CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 OR 1/2 UNIT.

01593	LECT-DISC		330-5	W	112	C A	STAFF

HEM 490 SPECIAL TOPICS IN CHEMISTRY.
PREREQUISITE: CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT.
1/4 TO 4 UNITS.
*SECTION B: ANALYTICAL METHODS IN ENVIRONMENTAL SCIENCE - 1 UNIT (STUDENTS REGISTERING IN SECTION B MUST HAVE CONSENT OF INSTRUCTOR.)
*SECTION C: CHEMISTRY AND BIOLOGY OF WATER POLLUTION - 1/4 UNIT.

01594	CONF	A	ARR				STAFF
01595	LECT-DISC	*B	9	M W	199	E C	NATUSCH
	LAB	*B	ARR		167	E C	
01596	LECT	*C	3	TH	193	E C	LAITINEN, METCALF

CHEM 493 ADVANCED ELECTRON MICROSCOPY.
SAME AS BIOL. 493.
OPEN TO QUALIFIED GRADUATE STUDENTS IN ALL DEPARTMENTS.
PREREQUISITE: CREDIT IN BIOL./CHEM. 429 AND CONSENT OF INSTRUCTOR.
1/4 TO 1/2 UNIT.

01597	LAB-DISC		ARR		97	BEV HALL	HALL
	LECT		11	TU TH S	101	E C	MUNCK

CHEM 496 THE USE OF CARBON-14 IN LABELING TECHNIQUES.
SAME AS AN. S. 496.
PREREQUISITE: CHEM. 336, 337 AND 338 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
3/4 OR 1 UNIT.

01598	LECT		11	TU TH	217	N L	NYSTROM
01599	LAB	A	1-5	TU	163	D H	ROBINSON
01600	LAB	C	1-5	W	163	D H	
01601	LAB	D	1-5	TH	163	D H	
01602	LAB	E	1-5	F	163	D H	

CHEM 499 THESIS RESEARCH.
0 TO 4 UNITS.

01603	CONF		ARR				STAFF

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

CHIN 202 ELEMENTARY CHINESE, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISITE: CHIN. 201.
5 HOURS.
OPEN TO FRESHMEN.

01604	LECT		9	TU F	145	L H		CHANG AND
08616	QUIZ	A	9	M WTH	162	L H		STAFF
01605	QUIZ	B	9	M WTH	194	L H		

CHIN 204 INTERMEDIATE CHINESE, II.
PREREQUISITE: CHIN. 203 OR EQUIVALENT.
5 HOURS.

01606	LECT		9	M W F	311	D H		MACDONALD
01607	DISC	A	9	TU TH	311	D H		
01608	DISC	B	12	TU TH	311	D H		

CHIN 208 CHINESE LITERATURE IN TRANSLATION, II.
PREREQUISITE: CHIN. 207: OR CONSENT OF INSTRUCTOR.
3 HOURS.

01609	LECT-DISC		2	M W F	311	D H		HART

CHIN 302 INTENSIVE CHINESE, II.
PREREQUISITE: CHIN. 202 OR 301, OR EQUIVALENT.
10 HOURS OR 2 UNITS.
OPEN TO FRESHMEN.
ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND SECTION 2.

01610	LECT-DISC	1	ARR					CHANG AND
01611	LECT-DISC	2	ARR					STAFF

CHIN 304 ADVANCED CHINESE, II.
PREREQUISITE: CHIN. 303.
5 HOURS OR 1 UNIT.

01612	LECT-DISC		10	MTUWTHF	311	D H		CHANG

CHIN 306 ADVANCED READINGS IN MODERN CHINESE, II.
PREREQUISITE: CHIN. 305 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

01613	LECT-DISC		ARR					CHENG

CHIN 308 READINGS IN LITERARY CHINESE.
NO KNOWLEDGE OF CHINESE REQUIRED.
PREREQUISITE: CHIN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

01614	LECT-DISC		10	M W F	94	COM W		HART

CHIN 309 SOCIAL SCIENCE READINGS IN CHINESE.
PREREQUISITE: CHIN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

01615	LECT-DISC		ARR					WOLFF

CHIN 310 MODERN CHINESE LITERATURE.
PREREQUISITE: CHIN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

01616	LECT-DISC		ARR					MACDONALD

CHIN 312 MODERN CHINESE LITERATURE IN TRANSLATION.
NO KNOWLEDGE OF CHINESE REQUIRED.
3 HOURS OR 1 UNIT.

01617	LECT-DISC		1	M W F	311	D H		MACDONALD

CHIN 350 RESEARCH METHODS AND BIBLIOGRAPHY IN CHINESE STUDIES.
PREREQUISITE: CHIN. 307 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01618	LECT-DISC		ARR					STAFF

DEPARTMENT OFFICE 1114 C E B

C E 195 INTRODUCTION TO CIVIL ENGINEERING.
PREREQUISITE: SOPHOMORE STANDING IN CIVIL ENGINEERING.
1 HOUR.

01619	CONF	H1	4	M	421	E H
01620	CONF	H2	4	M	423	E H
01621	CONF	P1	11	TU	421	E H
01622	CONF	P2	11	TH	421	E H
01623	CONF	P3	11	TU	419	E H
01624	CONF	P4	11	TH	419	E H

C E 201 ENGINEERING SURVEYING.
PREREQUISITE: C. E. 293 AND CREDIT OR REGISTRATION IN C. S. 101.
4 HOURS.
STUDENTS SHOULD REGISTER FOR THE LECTURE PLUS ONE LAB-DISC PERIOD.

01625	LECT		3	M W F	314	E H
01626	LAB-DISC	L1	8-11	TU	104	WOODSHOP
01627	LAB-DISC	S1	2-5	TU	104	WOODSHOP
01628	LAB-DISC	S2	2-5	TH	104	WOODSHOP

C E 202 THEORY OF MEASUREMENT.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS.

01629	LECT	8	TU TH	423	E H
	LAB-DISC	9-12	TU	423	E H

C E 204 TERRESTRIAL AND INDUSTRIAL PHOTOGRAMMETRY.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS.

01630	LECT	1	TU TH	423	E H
	LAB-DISC	2-5	TH	423	E H

C E 205 CONSTRUCTION AND ROUTE SURVEYING.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS.

01631	LECT	2	M F	423	E H
	LAB-DISC	2-5	W	423	E H

C E 214 PROPERTIES AND BEHAVIOR OF CONCRETE.
PREREQUISITE: T. A. M. 223 OR 224 AND JUNIOR STANDING IN ENGINEERING OR ARCHITECTURE.
2 HOURS.
SECTION &N IS AN HONORS SECTION.

01634	LECT-DISC	&N	11	TU	1215	C E B
	LAB	&N	10-12	TH	1215	C E B
01632	LECT-DISC	R	1	TU	1215	C E B
	LAB	R	1-3	TH	1215	C E B
01633	LECT-DISC	T	3-5	TU	1215	C E B
	LAB	T	4	TH	1215	C E B

C E 216 CONSTRUCTION ENGINEERING.
PREREQUISITE: C. E. 292, AND CREDIT OR REGISTRATION IN C.S. 101 AND AND C. E. 293.
3 HOURS.

01635	LECT-DISC	B	9	M W F	421	E H
01636	LECT-DISC	C	10	M W F	320	E H
01637	LECT-DISC	F	2	M W F	324	E H
01638	LECT-DISC	MN	930-11	TU TH	419	E H

C E 220 MATERIALS FOR TRANSPORTATION FACILITIES.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR.
3 HOURS.

01639	LECT-DISC	A	8	M W F	200	T L
01640	LECT-DISC	D	11	M W F	200	T L

C E 221 ANALYSIS AND DESIGN OF ROADWAYS.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 280, OR CONSENT OF INSTRUCTOR.
3 HOURS.

01641	LECT-DISC	F	2	M W F	200	T L

C E 230 INTRODUCTION TO TRANSPORTATION ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING, ARCHITECTURE OR CITY PLANNING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

01642	LECT-DISC	B	9	M	W	F	423	E	H
01643	LECT-DISC	F	1	M	W	F	423	E	H
01644	LECT-DISC	LM	8-920	TU	TH		421	E	H

C E 231 INTRODUCTION TO TRANSPORTATION SYSTEMS.
PREREQUISITE: C. S. 101, C. E. 292, 293 AND 230; OR CONSENT CONSENT OF INSTRUCTOR.
3 HOURS.

01645	LECT-DISC	C	10	M	W	F	324	E	H

C E 240 CONTROL OF THE URBAN ENVIRONMENT.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

01646	LECT-DISC	D	11	M	W	F	314	E	H

C E 241 WATER QUALITY AND WATER POLLUTION.
PREREQUISITE: T. A. M. 235.
3 HOURS.

01647	LECT-DISC	C	10	M	W	F	420	E	H
01648	LECT-DISC	F	2	M	W	F	420	E	H

C E 242 SANITARY ENGINEERING PROCESSES.
PREREQUISITE: T. A. M. 235 AND CREDIT OR REGISTRATION IN C. E. 241.
3 HOURS.

01649	LECT-DISC	E	1	M	W	F	314	E	H
01650	LECT-DISC	F	2	M	W	F	419	E	H

C E 255 INTRODUCTION TO HYDROSYSTEMS ENGINEERING.
PREREQUISITE: T. A. M. 235 OR EQUIVALENT, AND CREDIT OR REGISTRATION IN C. E. 292 AND 293 OR EQUIVALENT.
3 HOURS.

01651	LECT-DISC	A	8	M	W	F	420	E	H
01652	LECT-DISC	D	11	M	W	F	420	E	H

C E 261 FUNDAMENTALS OF STRUCTURAL ENGINEERING.
PREREQUISITE: T. A. M. 221.
3 HOURS.

01653	LECT-DISC	A	8	M	W	F	423	E	H
01654	LECT-DISC	B	9	M	W	F	324	E	H
01655	LECT-DISC	E	1	M	W	F	200	T	L
01656	LECT-DISC	LM	8-920	TU	TH		324	E	H

C E 262 STRUCTURAL THEORY, II.
PREREQUISITE: C. E. 261.
3 HOURS.

01657	LECT-DISC	B	9	M	W	F	420	E	H
01658	LECT-DISC	RS	1-220	TU	TH		420	E	H

C E 263 BEHAVIOR AND DESIGN OF METAL STRUCTURES, I.
PREREQUISITE: T. A. M. 224 AND C. E. 261, OR CONSENT OF INSTRUCTOR.
3 HOURS.

01659	LECT-DISC	D	11	M	W	F	320	E	H
01660	LECT-DISC	F	2	M	W	F	322	E	H

C E 264 REINFORCED CONCRETE DESIGN, I.
PREREQUISITE: C. E. 214, C. E. 261, T. A. M. 224.
3 HOURS.
*NOTE: TWO TWO-HOUR DEMONSTRATION LABORATORIES TO BE ARRANGED.

01661	LECT-DISC	A	*8	M	W	F	419	E	H
01662	LECT-DISC	E	*1	M	W	F	421	E	H

C E 280 INTRODUCTION TO SOIL MECHANICS AND FOUNDATION ENGINEERING.
PREREQUISITE: T. A. M. 221.
3 HOURS.

01663	LECT-DISC	B	9	M	W	F	B222	C	E B
01664	LECT-DISC	C	10	M	W	F	B222	C	E B
01665	LECT-DISC	F	2	M	W	F	B222	C	E B
01666	LECT-DISC	MN	930-11	TU	TH		B222	C	E B

E 290 LEGAL ASPECTS OF ENGINEERING CONTRACTS AND SPECIFICATIONS.
SAME AS G. E. 290.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE OR ENGINEERING, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH C. E./G. E. 290 AND G. E. 292.
*3 HOURS.

01667	LECT-DISC	F	1	M	W	F	420	E	H

E 292 DESIGN AND PLANNING OF CIVIL ENGINEERING SYSTEMS.
PREREQUISITE: INTEGRAL CALCULUS.
3 HOURS.

01668	LECT-DISC	B	9	M	W	F	320	E	H
01669	LECT-DISC	E	1	M	W	F	320	E	H
01670	LECT-DISC	G	3	M	W	F	420	E	H
01671	LECT-DISC	MN	930-11	TU	TH		421	E	H
01672	LECT-DISC	ST	230-4	TU	TH		320	E	H

E 293 STOCHASTIC CONCEPTS IN CIVIL ENGINEERING.
PREREQUISITE: INTEGRAL CALCULUS.
3 HOURS.

01673	LECT-DISC	A	8	M	W	F	421	E	H
01674	LECT-DISC	C	10	M	W	F	423	E	H
01675	LECT-DISC	E	1	M	W	F	419	E	H
01676	LECT-DISC	G	3	M	W	F	322	E	H
01677	LECT-DISC	RS	1-220	TU	TH		314	E	H

E 295 PROFESSIONAL PRACTICE.
PREREQUISITE: JUNIOR STANDING.
0 CREDIT.

01678	LECT	4	W	151	E	E	B

E 297 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING.
1 TO 4 HOURS.
*SECTION 01 AND 02: OTHERS.
*SECTION H: CIVIL ENGINEERING HONORS.
*SECTION PO: PROBLEM-ORIENTED LANGUAGE DESIGN-3 HOURS.

01679	CONF	*01	ARR	STAFF
01680	CONF	*02	ARR	STAFF
01681	LECT-DISC	*H	ARR	STAFF
01682	LECT-DISC	*PO	ARR	MELIN

E 305 OBSERVATIONAL ASTRONOMY.
SAME AS ASTR. 314.
PREREQUISITE: ASTR. 102 OR 210 OR C. E. 201: MATH. 140, 141, OR 145.
4 HOURS OR 1 UNIT.
*THREE HOURS OBSERVATIONAL WORK TO BE ARRANGED.

01683	LECT	*2	M	W	F	204N	H	H

E 309 GEODETIC ENGINEERING.
PREREQUISITE: C. E. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 TO 1 UNIT.

01684	LECT-DISC	A	8	M	W	F	104	WOODSHOP

E 314 FUNDAMENTALS OF SYSTEMS APPROACH.
PREREQUISITE: C. E. 292, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01685	LECT-DISC	G	3	M	W	F	324	E	H

E 315 CONSTRUCTION PRODUCTIVITY.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01686	LECT-DISC	C	230-4	TU	TH		419	E	H

E 316 CONSTRUCTION PLANNING.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01687	LECT-DISC	C	10	M	W	F	400	E	H

E 318 CONSTRUCTION COST ANALYSES AND ESTIMATES.
PREREQUISITE: C. E. 216, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01688	LECT-DISC	RS	1-220	TU	TH		419	E	H

C E 325 HIGHWAY TRAFFIC CHARACTERISTICS.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
01689 LECT-DISC D 11 M W F 324 E H

C E 334 AIRPORT DESIGN.
PREREQUISITE: C. E. 220 AND SENIOR STANDING IN CIVIL ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
01690 LECT-DISC LM 8-920 TU TH 200 T L

C E 336 RAILWAY LOCATION AND OPERATION.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR. FOR THOSE TAKING A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING, CREDIT OR REGISTRATION IN C. E. 230.
3 HOURS, OR 1/2 OR 1 UNIT.
01691 LECT-DISC E 1 M W F 322 E H

C E 338 TERMINALS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR. FOR THOSE TAKING A MINOR IN RAILROAD OR TRANSPORTATION ENGINEERING, CREDIT OR REGISTRATION IN C. E. 230.
3 HOURS, OR 1/2 OR 1 UNIT.
01692 LECT-DISC P 11 TU TH 322 E H

C E 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., G. E., GEOG., M. E., U. P., AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.
01693 LECT-DISC 3-5 W 218 M E B

C E 353 HYDRAULIC STRUCTURES.
PREREQUISITE: C. E. 255, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
01694 LECT-DISC C 10 M W F 322 E H

C E 356 HYDRAULICS OF SURFACE DRAINAGE.
PREREQUISITE: C. E. 255, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.
01695 LECT-DISC MN 10-1120 TU TH 324 E H

C E 361 ADVANCED STRUCTURAL ANALYSIS.
PREREQUISITE: C. E. 262 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.
01696 LECT-DISC LM 8-920 TU TH 320 E H

C E 363 BEHAVIOR AND DESIGN OF METAL STRUCTURES, II.
PREREQUISITE: C. E. 263 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.
01697 LECT-DISC MN 930-11 TU TH 320 E H

C E 364 REINFORCED CONCRETE DESIGN, II.
PREREQUISITE: C. E. 264, CREDIT OR REGISTRATION IN C. E. 262.
3 HOURS, OR 3/4 OR 1 UNIT.
01698 LECT-DISC C 10 M W F 314 E H

C E 365 DESIGN OF STRUCTURAL SYSTEMS.
PREREQUISITE: C. E. 263, OR C. E. 264, OR EQUIVALENT.
3 HOURS OR 1 UNIT.
01699 LECT-DISC A 8 M W F 314 E H

C E 366 BEHAVIOR OF REINFORCED CONCRETE MEMBERS.
PREREQUISITE: FOR UNDERGRADUATES, SENIOR STANDING AND C. E. 264; FOR GRADUATES, B. S. DEGREE IN CIVIL ENGINEERING OR ARCHITECTURE WITH COURSES IN STRUCTURES AND REINFORCED CONCRETE DESIGN.
4 HOURS OR 1 UNIT.
NOTE: ALTHOUGH OPEN TO ADVANCED UNDERGRADUATES, THIS COURSE SHOULD BE TAKEN BY SUCH STUDENTS ONLY AFTER CONSULTATION WITH THE INSTRUCTOR.
01700 LECT-DISC B 11 M W F 322 E H

C E 368 PRESTRESSED CONCRETE.
PREREQUISITE: C. E. 262, 264.
3 HOURS. OR 3/4 OR 1 UNIT.

01701	LECT-DISC	G	3	M W F	320	E H		

C E 369 BEHAVIOR AND DESIGN OF WOOD STRUCTURES.
PREREQUISITE: C. E. 261 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

01702	LECT-DISC	B	9	M W F	314	E H		

C E 374 INTRODUCTION TO STRUCTURAL DYNAMICS.
PREREQUISITE: T. A. M. 212: MATH. 345: C. E. 261: OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
*3 HOURS. OR 3/4 OR 1 UNIT.

01703	LECT-DISC	F	2	M W F	320	E H		

C E 383 SOIL MECHANICS AND SOIL PROPERTIES.
PREREQUISITE: C. E. 280 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

01704	LECT		1	M W F	B218	C E B		
	LAB		1-3	TU	B218	C E B		

C E 384 APPLIED SOIL MECHANICS.
PREREQUISITE: C. E. 383 OR EQUIVALENT.
4 HOURS OR 1 UNIT.

01705	LECT-DISC	E	1	M W F	B222	C E B		
01706	LECT-DISC	ST	230-4	TU TH	420	E H		

C E 391 COMPUTER METHODS IN CIVIL ENGINEERING.
PREREQUISITE: C. S. 101 OR EQUIVALENT: SENIOR OR GRADUATE STANDING
IN CIVIL ENGINEERING: OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

01707	LECT-DISC	B	9	M W F	419	E H		

C E 417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS. II.
SAME AS I. E. 417.
PREREQUISITE: C. E. OR I. E. 416. CREDIT OR REGISTRATION IN
MATH. 315. OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION CE FOR C. E. STUDENTS ONLY.
*SECTION LM FOR I.E. STUDENTS ONLY.

01708	LECT-DISC	*CE	8-920	TU TH	322	E H		WOODHEAD
01709	LECT-DISC	*LM	8-920	TU TH	243	M E B		DESSOUKY

C E 421 PAVEMENT DESIGN. II.
PREREQUISITE: C. E. 220. OR EQUIVALENT.
1 UNIT.

01710	LECT-DISC	C	10	M W F	200	T L		BARENBERG

C E 423 HIGHWAY MATERIALS STABILIZATION.
PREREQUISITE: C. E. 220 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01711	LECT-DISC	B	9	M W F	200	T L		THOMPSON

C E 427 GEOMETRIC HIGHWAY DESIGN.
PREREQUISITE: C. E. 325 AND 426 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01712	LECT-DISC	EG	1	TU	421	E H		WORTMAN
	LAB	EG	1-4	W	408	E H		

C E 428 TRAFFIC ENGINEERING OPERATIONS.
PREREQUISITE: C. E. 325 AND 426 OR EQUIVALENT.
1 UNIT.

01713	LECT-DISC	RT	2	TU	421	E H		BAERWALD
	LAB	RT	1-4	TH	421	E H		

C E 436 RAILROAD LOCATION AND OPERATION.
PREREQUISITE: C. E. 336 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01714	LECT-DISC	G	3	TU TH	322	E H		HAY

C E 442 THEORY OF WASTE-WATER TREATMENT.
PREREQUISITE: CHEM. 122, MCBIO. 101, C. E. 346.
1 UNIT.

01715	LECT-DISC	NP	10-12	TU TH	314	E H		PFEFFER

C E 443 ADVANCED SANITARY ENGINEERING LABORATORY.
PREREQUISITE: C. E. 441, AND CREDIT OR REGISTRATION IN C. E. 442.
1 UNIT.

01716	LECT-DISC	RW	1-5	TU TH	4206	C E B		O'CONNOR

C E 444 INDUSTRIAL WATER AND WASTES TREATMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 440 AND 442.
OR CONSENT OF INSTRUCTOR.
1 UNIT.

01717	LECT-DISC	LM	8-10	TU TH	314	E H		ENGELBRECHT

C E 446 DESIGN OF WATER AND WASTE TREATMENT PLANTS.
PREREQUISITE: C. E. 440, CREDIT OR REGISTRATION IN C. E. 442.
OR CONSENT OF INSTRUCTOR.
1 UNIT.
*TWO ADDITONAL HOURS TO BE ARRANGED.

01718	LECT-DISC	EH	*1-3	M	4130	C E B		DICK
	LAB	EH	*1-5	F	4130	C E B		

C E 447 RADIOACTIVE WASTE DISPOSAL.
SAME AS NUC. E. 447.
PREREQUISITE: PHYCS. 282 OR CHEM. 398 OR NUC. E. 398 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

01719	LECT-DISC	B	11	M W F	421	E H		

C E 449 ANALYSIS OF AIR POLLUTANTS.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 448.
1/2 OR 1 UNIT.

01720	LECT-DISC	BD	9-12	M F	4206	C E B		STUKEL

C E 452 WATER RESOURCES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

01721	LECT-DISC	F	230-4	TU TH	1518	H S L		CHOW

C E 458 OPEN CHANNEL HYDRAULICS.
PREREQUISITE: B. S. DEGREE IN C. E. OR CONSENT OF INSTRUCTOR.
1 UNIT.

01722	LECT-DISC	G	3	M W F	421	E H		WENZEL

C E 461 MATRIX FORMULATION OF STRUCTURAL ANALYSIS.
PREREQUISITE: C.E. 361 OR EQUIVALENT.
1 UNIT.

01723	LECT-DISC	A	8	M W F	320	E H		

C E 463 OPTIMIZATION OF STRUCTURES.
PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURAL ANALYSIS AND DESIGN, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01724	LECT-DISC	C	10	M W F	421	E H		KHACHATURIAN

C E 465 STRUCTURAL DESIGN IN METALS.
PREREQUISITE: B. S. IN ENGINEERING WITH COURSES IN STRUCTURES.
1 UNIT.

01725	LECT-DISC	E	2	M W F	314	E H		

C E 467 BEHAVIOR OF REINFORCED CONCRETE STRUCTURES.
PREREQUISITE: C. E. 366.
1 UNIT.

01726	LECT-DISC	B	9	M W F	322	E H		

C E 469 THIN SHELL STRUCTURES.
PREREQUISITE: C. E. 473 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01727	LECT-DISC	D	11	M W F	419	E H		SCHNOBRICH

E 471 NUMERICAL AND APPROXIMATE METHODS OF STRUCTURAL ANALYSIS.
1 TO 2 UNITS.

01728	LECT-DISC	F	1	M W F	324	E H			EUBANKS

E 474 DYNAMICS OF FRAMED STRUCTURES.
PREREQUISITE: C. E. 361, 374, OR EQUIVALENT.
1 UNIT.

01729	LECT-DISC	G	3	M W F	419	E H			

E 476 PLASTIC ANALYSIS AND DESIGN.
PREREQUISITE: C. E. 465 OR CONSENT OF INSTRUCTOR.
1 UNIT.

01730	LECT-DISC	MN	930-11	TU TH	200	T L			BIRKEMOE

E 478 DISCRETE METHODS OF SOLID AND STRUCTURAL MECHANICS.
PREREQUISITE: C. E. 379, A. A. E. 326 OR T. A. M. 351 OR
EQUIVALENT, AND REGISTRATION IN C. S. 400 OR EQUIVALENT: OR
CONSENT OF INSTRUCTOR.
1 UNIT.

01731	LECT-DISC	RS	1-220	TU TH	320	E H			SCHNOBRICH

C E 480 EARTH PRESSURES AND RETAINING STRUCTURES.
PREREQUISITE: CREDIT OR REGISTRATION IN C. E. 384.
1 UNIT.

01732	LECT-DISC	F	2	M W F	421	E H			IRELAND

C E 483 ADVANCED SOIL MECHANICS, II.
PREREQUISITE: C. E. 383.
1 UNIT.

01733	LECT-DISC	E	10	M W F	B218	C E B			MESRI
	LAB	E	8-11	TH	B218	C E B			

C E 484 FOUNDATION ENGINEERING.
PREREQUISITE: C. E. 384.
1 UNIT.

01734	LECT-DISC	ST	230-4	TU TH	B222	C E B			PECK

C E 485 SOIL ENGINEERING FOR TRANSPORTATION FACILITIES.
PREREQUISITE: C. E. 383 OR EQUIVALENT.
1 UNIT.

01735	LECT-DISC	D	11	M W F	B215	C E B			THORNBURN

C E 487 ROCK MECHANICS, II.
PREREQUISITE: C. E. 486, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01736	LECT-DISC	RS	1-220	TU TH	B222	C E B			DEERE-HENDRON

C E 494 MUNICIPAL ADMINISTRATION AND ENGINEERING.
PREREQUISITE: B. S. IN CIVIL ENGINEERING, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01737	LECT-DISC	A	8	M W F	324	E H			DANNER

C E 495 CIVIL AND SANITARY ENGINEERING SEMINAR.
*COURSE MAY BE REPEATED FOR CREDIT.
*0 OR 1/4 UNIT.
SECTION AG--ADVANCED ENVIRONMENTAL ENGINEERING.
SECTION C--CONSTRUCTION ENGINEERING.
SECTION G--ENVIRONMENTAL ENGINEERING.
SECTION P--PHOTOGRAMMETRY AND GEODESY.
SECTION S--STRUCTURES.
SECTION T: TRANSPORTATION.
SECTION W--HYDRAULICS AND WATER RESOURCES.

01738	CONF	AG	ARR						ENGELBRECHT
01739	CONF	C	4	TU	314	E H			WOODHEAD-BOYER
01740	CONF	G	3-5	M	1518	H S L			SNOEYINK
01741	CONF	P	10-12	TH	104	WOODSHOP			KARARA
01742	CONF	S	4	TH	314	E H			
01743	CONF	T	4	M	322	E H			DANNER
01744	CONF	W	4	W	1518	H S L			YEN

C E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
THOSE SECTIONS TO BE ARRANGED WILL CONSIST OF TWO HOURS OF LECTURE AND SIX HOURS OF LAB PER WEEK.
SECTIONS 01, 02, AND 03: OTHERS.
SECTION AE: AQUATIC ECOLOGY. 3/4 UNIT.
SECTION AP: AIR POLLUTION--APEX.
SECTION EP: CONTROL OF ENVIRONMENTAL PROBLEMS. 1/2 UNIT.
SECTION DF: DEEP FOUNDATIONS. 1 UNIT.
SECTION OS: DYNAMIC ANALYSIS OF OCEAN STRUCTURES. 1 UNIT.
SECTION PO: PROBLEM ORIENTED LANGUAGE DESIGN. 1 UNIT.
SECTION SW: SOLID WASTES MANAGEMENT LABORATORY. 1/2 UNIT.

01745	CONF	01	ARR						STAFF
01746	CONF	02	ARR						STAFF
01747	CONF	03	ARR						STAFF
01748	LECT-DISC	AE	8	M	W	F	322	E H	LELAND
01749	LECT-DISC	AP	ARR						
01750	LECT-DISC	EP	ARR						STUKEL-PEAR
01751	LECT-DISC	DF	ARR						DAVISSON
01752	LECT-DISC	OS	8-920	TU TH			419	E H	MURTHA
01753	LECT-DISC	PO	ARR						MELIN
01754	LECT-DISC	SW	1-5	TU TH			4130	C E B	PFEFFER

C E 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION M IS FOR MASTERS DEGREE. SECTION D IS FOR PH.D. DEGREE.

01755	CONF	*M	ARR						STAFF
01756	CONF	*D	ARR						STAFF

CLASSICAL ARCHAEOLOGY

DEPARTMENT OFFICE 361 L H

CLARC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01757	CONF		ARR						ALLEN

CLARC 332 THE ARCHAEOLOGY OF ITALY.
PREREQUISITE: A COURSE IN ANCIENT HISTORY, ART, OR LANGUAGE, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

01758	LECT-DISC	G	3	M	W	F	G18	F L B	ALLEN

CLARC 433 THE ARCHAEOLOGY OF MAGNA GRAECIA AND SICILY.
PREREQUISITE: CLARC. 331 AND 332, OR EQUIVALENT.
1 UNIT.

01759	LECT-DISC	B	9-11	M	W		4068	F L B	ALLEN

CLASSICS

DEPARTMENT OFFICE 361 L H

SEE ALSO GREEK AND LATIN

CLASSICAL CIVILIZATION

NOTE: THE FOLLOWING COURSES PRESUPPOSE NO KNOWLEDGE OF THE GREEK OR LATIN LANGUAGE AND ARE OPEN TO ALL STUDENTS. FOR OTHER COURSES IN THE AREA OF CLASSICAL CIVILIZATION SEE ARCH. 113, ART 301, 302 303, 304, 305, 306, AND 307, HIST. 181, 182, 381, 382, 383, AND 384, AND PHIL. 303, 309, AND 310.

CLCIV 110 INTRODUCTION TO GREEK CULTURE.
2 HOURS.

01760	LECT-DISC	P	11	TU TH	196	L H	BRIGHT

CLCIV 111 MYTHOLOGY OF GREECE AND ROME.
2 HOURS.

01761	LECT-DISC	P	11	TU TH	100	G H	DUNN
01762	LECT-DISC	T	3	TU TH	135	A S L	DUNN

CLCIV 112 GREEK DRAMA IN ENGLISH TRANSLATION.
2 HOURS.

01763	LECT-DISC	S	2	TU TH	100	G H	SCANLAN

CLCIV 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01764	CONF		ARR				STAFF

CLCIV 302 LATIN LITERATURE IN TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

01765	LECT-DISC	B	9	M W F	G18	F L B	TAYLOR

COMMUNICATIONS

DEPARTMENT OFFICE 1207 W OREGON

THE GRADUATE PROGRAM LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN COMMUNICATIONS IS ADMINISTERED BY AN INTERDISCIPLINARY COMMITTEE APPOINTED BY THE DEAN OF THE COLLEGE OF COMMUNICATIONS. STUDENTS SEEKING ADMISSION TO THIS PROGRAM SHOULD CONSULT JAMES W. CAREY, CHAIRMAN OF THE COMMITTEE.

OF THE COURSES OFFERED THIS SEMESTER, COMM. 471, 490, AND 499 ARE IN THE GENERAL CATEGORY, COMM. 307, 414, 462, 468, 470, 473, 474, AND 481 ARE IN GROUP A, AND COMM. 325, 351, 352, 420, 425 AND 456 ARE IN GROUP B.

COMM 217 HISTORY OF COMMUNICATIONS.
SAME AS JOURN. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

01766	LECT-DISC	F	1	M W F	113	G H	ERICKSON
01767	LECT-DISC	F	2	M W F	219	G H	BOSTON

COMM 220 PROCESSES AND SYSTEMS OF COMMUNICATIONS.
SAME AS JOURN. 220.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS B1 AND G1 ARE FOR ART-GRAPHIC DESIGN MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. STUDENTS IN THE COLLEGE OF COMMUNICATIONS SEE JOURNALISM 220.

01768	LECT-DISC	*B1	10	M	W	F	113	G H	KREILING
01770	LECT-DISC	*B2	10	M	W	F	113	G H	
01769	LECT-DISC	*G1	3	M	W	F	113	G H	CAREY
01771	LECT-DISC	*G2	3	M	W	F	113	G H	

COMM 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
SAME AS JOURN. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2 AND E2.

01772	LECT-DISC	*D1	11	M	W	F	123	G H	BOSTON
01774	LECT-DISC	*D2	11	M	W	F	123	G H	
01773	LECT-DISC	*E1	1	M	W	F	123	G H	
01775	LECT-DISC	*E2	1	M	W	F	123	G H	

COMM 241 LAW AND COMMUNICATIONS.
SAME AS JOURN. 241.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

01776	LECT-DISC		2	M	W	F	113	G H	ALFELD

COMM 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS JOURN. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

01777	LECT-DISC	F	2	M	W	F	215	G H	KREILING
01778	LECT-DISC	G	3	M	W	F	215	G H	MARCUM

COMM 308 THE ART OF THE SCREEN: EXPOSITION AND PERSUASION.
SAME AS SPCH. 308.
PREREQUISITE: COMM. 307 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01779	LECT-DISC		3	M	W		136	ARMORY
			3-5			F	136	ARMORY

COMM 351 ADVANCED SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 351 AND SOC. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND EITHER PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.
3 HOURS, OR 1/2 OR 1 UNIT.

01780	LECT		9	M	W	F	29	PSYCH BLD

COMM 370 LANGUAGE, CULTURE AND SOCIETY.
SAME AS ANTH. AND LING. 370.
PREREQUISITE: ANTH. 230, OR ONE COURSE IN COMMUNICATIONS OR LINGUISTICS, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

01781	LECT-DISC	1030-12	TU TH	253	M E B

COMM 414 SEMINAR ON SOCIAL INTERACTION.
SAME AS SOC. 414.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
1 UNIT.

01782	LECT-DISC	3-5	TH	401	L H

COMM 420 SEMINAR IN SEMANTICS.
SAME AS PHIL. 420.
PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.

01783	LECT-DISC	1-3	TU	402	G H

COMM 426 RESEARCH SEMINAR IN PSYCHOLINGUISTICS.
SAME AS LING. AND PSYCH. 426.
PREREQUISITE: COMM. 425. CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
01784 LECT 2-4 W 13 PSYCH BLD

COMM 432 BOOKS AND LIBRARIES SINCE THE RENAISSANCE.
SAME AS LIB. S. 432.
1 UNIT.
01785 LECT-DISC 11-1230 W F 215 G H

COMM 444 SEMINAR IN PUBLIC OPINION.
SAME AS SOC. 444.
1 UNIT.
01786 LECT-DISC 1-3 W 401 L H

COMM 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
SAME AS PSYCH. 456.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT. OR CONSENT OF INSTRUCTOR.
1 UNIT.
01787 LECT 1-3 TH 608 PSYCH BLD

COMM 462 SEMINAR IN RADIO AND TELEVISION.
SAME AS R. TV. 462.
PREREQUISITE: CONSENT OF DEPARTMENT.
1 UNIT.
01788 LECT-DISC 3-5 M 123 G H DOUGLASS

COMM 463 WORLD BROADCASTING.
SAME AS R. TV. 463.
PREREQUISITE: COMM. 462 OR CONSENT OF INSTRUCTOR.
1 UNIT.
01789 LECT-DISC 3-5 W 304 G H DOUGLASS

COMM 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
SAME AS JOURN. 468.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
01790 LECT-DISC 10-12 TU 123 G H GUBACK

COMM 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS JOURN. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
01791 LECT-DISC 3-5 TH 123 G H KREILING

COMM 472 PRO-SEMINAR IN COMMUNICATIONS. II.
SAME AS JOURN. 472.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
01792 LECT-DISC 1-3 TH 123 G H CAREY

COMM 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
SAME AS JOURN. 473.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
01793 LECT-DISC 10-12 TH 123 G H JENSEN

COMM 474 COMMUNICATIONS SYSTEMS.
SAME AS JOURN. 474.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.
01794 LECT-DISC 1-3 TU 123 G H CAREY

COMM 481 ECONOMIC AND SOCIAL ASPECTS OF ADVERTISING.
SAME AS ADV. 481.
PREREQUISITE: CONSENT OF THE DEPARTMENT.
*STUDENTS MAY NOT RECEIVE GRADUATE CREDIT FOR BOTH ADV. 388 AND 481.
*1 UNIT.
01795 LECT-DISC 3-5 W 123 G H WEDDING

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COMM  482      RESEARCH METHODS IN ADVERTISING AND COMMUNICATIONS.
               SAME AS ADV. 482.
          PREREQUISITE: A BASIC COURSE IN STATISTICAL METHODS AND CONSENT
          CONSENT OF THE DEPARTMENT.
          1 UNIT.
        01796      LECT-DISC            3-5       TU        123  G H          DUNN


COMM  490      SPECIAL TOPICS IN COMMUNICATIONS.
          PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE
          STUDY IN COMMUNICATIONS.
          1/2 TO 2 UNITS.
          *SECTION A TOPIC: READINGS IN POPULAR CULTURE.
          *SECTION B TOPIC: READINGS IN JOURNALISM/COMMUNICATIONS.
          *SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS.
        01797      CONF              ARR                                     STAFF
        01798      CONF      *A       730-930PM      TH      123  G H         CAREY
        01799      CONF      *B      ARR                                      JENSEN
        01800      CONF      *C      ARR                                      WIGGINS


COMM  499      THESIS RESEARCH.
          PREREQUISITE: CONSENT OF CHAIRMAN OF COMMITTEE ON GRADUATE STUDY
          IN COMMUNICATIONS AND THESIS SUPERVISOR.
          *STUDENTS MAY ACCUMULATE A TOTAL OF 8 UNITS.
          *0 TO 4 UNITS.
        01801      CONF              ARR                                     STAFF
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COMPARATIVE LITERATURE

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                DEPARTMENT OFFICE                        2070 F L B


C LIT 203      GOETHE IN TRANSLATION.
               SAME AS GER. 203.
          3 HOURS.
        01802      LECT-DISC  C        10        M  W  F   1048  F L B        HAILE


C LIT 204      MEDIEVAL LITERATURE IN TRANSLATION.
               SAME AS GER. 204.
          3 HOURS.
        01803      LECT-DISC  D        11        M  W  F   1048  F L B


C LIT 359      THE INTERNATIONAL FOLK TALE.
               SAME AS ENGL. 359.
          3 HOURS OR 3/4 UNIT.
        01804      LECT-DISC  D        11        M  W  F    223  E B         FLANAGAN


C LIT 364      INTRODUCTION TO COMPARATIVE LITERATURE.II.
               SAME AS HUMAN. 364.
          3 HOURS OR 3/4 UNIT.
        01805      LECT-DISC  P        11        TU TH      G48  F L B        B. SMALLEY
        01806      LECT-DISC  S         2        TU TH      G48  F L B        B. SMALLEY


C LIT 451      SEMINAR IN LITERARY MOVEMENTS AND PERIODS.
          *STUDENTS MAY ACCUMULATE 3 UNITS.
          *1 UNIT.
          SECTION C TOPIC: THE ENLIGHTENMENT.
          SECTION F TOPIC: ARTHURIAN LITERATURE IN THE MIDDLE AGES.
        01807      LECT-DISC  C        10-12     TH    1030  F L B          ALDRIDGE
        01808      LECT-DISC  F         2-5      TH    1022  F L B          MARCHAND


C LIT 452      STUDIES IN THE ROMANTIC MOVEMENT. I.
               SAME AS ENGL. 427.
          1 UNIT.
          *SECTION X1 IS FOR ENGLISH MAJORS ONLY.  ALL OTHER STUDENTS MUST
          ENROLL IN SECTION X2.
        01809      LECT-DISC *X1       12        M  W       309  LIB          WILKIE
        01810      LECT-DISC *X2       12        M  W       309  LIB
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C LIT 455 STUDIES IN THE ROMANTIC MOVEMENT. II.
SAME AS ENGL. 428.
1 UNIT.

01811	LECT-DISC	*G1	3	M W	307	E B		WALDOFF
01812	LECT-DISC	*G2	3	M W	307	E B		

C LIT 461 SEMINAR IN LITERARY GENRES AND FORMS.
*STUDENTS MAY ACCUMULATE 3 UNITS.
*1 UNIT.
SECTION C TOPIC: THE EUROPEAN EPIC.
SECTION H TOPIC: THE PICARESQUE NOVEL.

01813	LECT-DISC	C	10-12	M	307	E B		NEWMAN
01814	LECT-DISC	H	4-6	W	G18	F L B		ALDRIDGE

C LIT 481 SEMINAR IN LITERARY THEMES AND TYPES.
SAME AS GER. 481.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.
TOPIC: AMERICAN THEMES AND MOTIFS IN 19TH CENTURY GERMAN LITERATURE.

01815	LECT-DISC		4-6	TU	G48	F L B		JOST

C LIT 482 SEMINAR IN MODERN GERMAN LITERATURE.
SAME AS GER. 461.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.

01816	LECT-DISC	G	3-530	W	G48	F L B		

C LIT 493 SPECIAL STUDIES.
1/4 TO 1 UNIT.

01817	CONF	A	ARR					
01818	CONF	X	ARR					JOST

C LIT 499 THESIS RESEARCH.
*MAXIMUM CREDIT FOR MASTER'S CANDIDATES IS 2 UNITS.
*0 TO 4 UNITS.

01819	CONF		ARR					

COMPUTER SCIENCE

DEPARTMENT OFFICE 252 D C L

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE MATHEMATICS DEPARTMENT UNDER THE CURRICULUM IN SCIENCE AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120. 130. 140 (OR 131. 141). 341. 342. 317. 318 347. 348 (OR 361).

FIRST MINOR: C. S. 121. 201. 287 AND ONE OF COMPUTER SCIENCE 293. 294. 301 OR 310.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IN SPECIAL CIRCUMSTANCES WITH THE CONSENT OF THE ADVISOR. OTHER 100-LEVEL BEGINNING COMPUTER SCIENCE COURSES MAY BE SUBSTITUTED FOR COMPUTER SCIENCE 121.

DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE: A STUDENT WHO SATISFIES THE FOLLOWING REQUIREMENTS MAY, UPON RECOMMENDATION OF THE DEPARTMENT OF MATHEMATICS AND OF COMPUTER SCIENCE, BE GRADUATED WITH DISTINCTION IN MATHEMATICS AND COMPUTER SCIENCE:

1. SATISFY THE LAS COLLEGE REQUIREMENTS FOR GRADUATION.
2. COMPLETE THE MINIMUM REQUIREMENT OF THE MAJOR IN MATHEMATICS AND COMPUTER SCIENCE WITH A GRADE POINT AVERAGE OF AT LEAST 4.25 IN ALL MATHEMATICS AND COMPUTER SCIENCE COURSES.
3. COMPLETE THREE HOURS OF ADDITIONAL COURSES CHOSEN FROM COMPUTER SCIENCE 109, 209, 290, 301, 306, 311, 385, 387, 391, 392, 393, 394, 397.
4. REGISTER HIS CANDIDACY FOR DISTINCTION WITH HIS ADVISOR NO LATER THAN THE END OF HIS JUNIOR YEAR.

THE FOLLOWING COURSES ARE OFFERED DURING THE FALL SEMESTER ONLY:

C S 107, C S 301, C S 310 C S/AGRON 365, C S/E E 385, C S/E E 393, C S/E E 394, C S/MATH 457, C S/E E/MATH 463.

IT IS PLANNED TO OFFER THE FOLLOWING IN THE SPRING SEMESTER:

C S 306, C S 311, C S 367, C S 401, C S/PSYCH/SOC 413, C S/E E 414, C S 443, C S/E E 456, C S/MATH 458, C S/E E 485.

C S 101 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*3 HOURS.
GRADUATE STUDENTS DESIRING AN ELEMENTARY KNOWLEDGE OF PROGRAMMING SHOULD ENROLL IN COMPUTER SCIENCE 400.
NOTE: IN EACH CASE THE QUIZ SECTION SHOULD BE SELECTED TO FOLLOW THE SECOND LECTURE OF THE WEEK.
EVENING HOUR EXAMS WILL BE GIVEN ON TUESDAY, MARCH 21, 1972, AND TUESDAY, APRIL 25, 1972, AT 7 P.M.
*THE QUIZ SECTIONS MARKED BY AN ASTERISK ARE FOR ARCHITECTURE STUDENTS ONLY.

01820	LECT	B1	9	M W	314	A H		MURRELL
01821	LECT	C1	10	M W	314	A H		DIAMOND
01822	LECT	D1	11	M W	314	A H		DIAMOND
01823	LECT	P1	11	TU TH	100	M M B		CUDIA
01824	QUIZ	B2	9	F	212	WOODSHOP		
01825	QUIZ	B3	9	F	202	T B		
01826	QUIZ	B4	9	F	153B	M E B		
01848	QUIZ	*B5	9	F	125	D K H		
01827	QUIZ	C2	10	F	212	WOODSHOP		
01828	QUIZ	C3	10	F	202	T B		
01849	QUIZ	*C4	10	F	120	COM W		
01829	QUIZ	D2	11	F	202	T B		
01830	QUIZ	D3	11	F	153B	M E B		
01850	QUIZ	*D4	11	F	120	COM W		
01831	QUIZ	E1	1	W	212	WOODSHOP		
01832	QUIZ	E2	1	W	153B	M E B		
01833	QUIZ	E3	1	F	212	WOODSHOP		
01834	QUIZ	E4	1	F	161	E E B		
01851	QUIZ	*E5	1	F	204	H H		
01835	QUIZ	F1	2	W	212	WOODSHOP		
01852	QUIZ	*F2	2	W	204	H H		
01836	QUIZ	F3	2	F	212	WOODSHOP		
01853	QUIZ	*F4	2	F	204	H H		
01837	QUIZ	G1	3	W	212	WOODSHOP		
01838	QUIZ	M1	9	TH	217	M E L		
01839	QUIZ	M2	9	TH	202	T B		
01854	QUIZ	*M3	9	TH	101	WOODSHOP		
01840	QUIZ	N1	10	TH	161	E E B		
01841	QUIZ	N2	10	TH	105G	WOODSHOP		
01855	QUIZ	*N3	10	TH	226	COM W		
01842	QUIZ	P2	11	TH	161	E E B		
01856	QUIZ	*P3	11	TH	212	WOODSHOP		
01843	QUIZ	R1	1	TH	217	M E L		
01844	QUIZ	R2	1	TH	161	E E B		
01857	QUIZ	*R3	1	TH	155	A H		
01845	QUIZ	S1	2	TH	217	M E L		
01858	QUIZ	*S2	2	TH	155	A H		
01846	QUIZ	T1	3	TH	212	WOODSHOP		
01847	QUIZ	U1	4	TH	212	WOODSHOP		

S 103 INTRODUCTION TO SOCIAL AND BEHAVIORAL SCIENCE DIGITAL COMPUTER PROGRAMMING.
PREREQUISITE: SOPHOMORE STANDING AND A YEAR OF COLLEGE MATHEMATICS OR STATISTICS.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121
*3 HOURS.

01859	LECT	B1	9	M	W	66	LIB		MONTANELLI
01860	QUIZ	M1	9		TH	161	E E B		
01861	QUIZ	S1	2		TH	161	E E B		
01862	QUIZ	B2	9		F	217	M E L		
01863	QUIZ	D1	11		F	212	WOODSHOP		

S 105 INTRODUCTION TO COMPUTERS AND THEIR APPLICATION TO BUSINESS AND COMMERCE.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*3 HOURS.
EVENING HOUR EXAMS WILL BE GIVEN ON WEDNESDAY, MARCH 22, 1972, AND WEDNESDAY, APRIL 26, 1972, AT 7 P.M.

01864	LECT	C1	10	M	W	100	M M B		FRIEDMAN
01865	LECT	D1	11	M	W	151	E E B		WATANABE
01866	LECT	F1	1	M	W	151	E E B		WATANABE
01867	QUIZ	M1	9		TH	125	D K H		
01868	QUIZ	M2	9		TH	317	D K H		
01869	QUIZ	N1	10		TH	325	D K H		
01870	QUIZ	N2	10		TH	125	D K H		
01871	QUIZ	N3	10		TH	219	D K H		
01872	QUIZ	P1	11		TH	325	D K H		
01873	QUIZ	P2	11		TH	123	D K H		
01874	QUIZ	P3	11		TH	317	D K H		
01875	QUIZ	R1	1		TH	325	D K H		
01876	QUIZ	R2	1		TH	125	D K H		
01877	QUIZ	S1	2		TH	325	D K H		
01878	QUIZ	S2	2		TH	125	D K H		
01879	QUIZ	B1	9		F	325	D K H		
01880	QUIZ	B2	9		F	240	COM W		
01881	QUIZ	B3	9		F	154	ARMORY		
01882	QUIZ	C2	10		F	325	D K H		
01883	QUIZ	C3	10		F	125	D K H		
01884	QUIZ	C4	10		F	328	D K H		
01885	QUIZ	D2	11		F	325	D K H		
01886	QUIZ	D3	11		F	125	D K H		
01887	QUIZ	D4	11		F	328	D K H		
01888	QUIZ	E2	1		F	325	D K H		
01889	QUIZ	E3	1		F	209	D K H		
01890	QUIZ	E4	1		F	15	D K H		
01891	QUIZ	F1	2		F	161	E E B		
01892	QUIZ	F2	2		F	101	WOODSHOP		
01893	QUIZ	F3	2		F	325	D K H		

C S 109 HONORS COURSE IN COMPUTER SCIENCE.
ENROLLMENT WILL BE STRICTLY LIMITED TO STUDENTS WITH SUPERIOR TALENTS IN COMPUTER SCIENCE.
PREREQUISITE: REGISTRATION IN C. S. 101, 103, 105, 107, OR 121.
1 HOUR.

01894	LECT-DISC	R1	1		TU	161	E E B		CUDIA

C S 121 INTRODUCTION TO COMPUTER PROGRAMMING.
*STUDENTS MAY RECEIVE CREDIT FOR ONLY ONE OF THE FOLLOWING:
C. S. 101, 103, 105, 107, OR 121.
*4 HOURS.

01895	LECT	N1	10		TU TH	100	M M B		RAY
01896	QUIZ	R1	1		TH	212	WOODSHOP		
01897	QUIZ	S1	2		TH	212	WOODSHOP		
01898	QUIZ	A1	8		F	161	E E B		
01899	QUIZ	B1	9		F	161	E E B		
01900	QUIZ	C1	10		F	161	E E B		
01901	QUIZ	D1	11		F	161	E E B		

C S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
NOTE: THIS WILL BE AN INTRODUCTION TO COMPUTERS FOR TEACHERS.

01902	CONF		ARR				STAFF

C S 201 MACHINE LANGUAGE AND SYSTEM PROGRAMMING, I.
PREREQUISITE: C. S. 101 OR 121. OR CONSENT OF INSTRUCTOR.
3 HOURS.
NOTE: IN ORDER TO UTILIZE EFFECTIVELY THE TIME ON THE PDP-11 COMPUTER, STUDENTS WILL BE ABLE TO SCHEDULE PRACTICE SESSIONS UP TO 4 HOURS PER WEEK. SECTION N1 WILL BE PARTIALLY ORIENTED TOWARD THE BATCH PROCESSING APPROACH USING THE IBM 360/75. SECTION R1 WILL BE PARTIALLY ORIENTED TOWARD THE INTERACTIVE APPROACH USING THE PDP-11.

01903	LECT-DISC	N1	930-11	TU TH	100	N L	GEAR
01904	LECT-DISC	R1	1-220	TU TH	119	M M B	VANDER MEY

C S 209 HONORS COURSE IN COMPUTER SCIENCE.
PREREQUISITE: C. S. 101 OR 121: REGISTRATION IN C. S. 201 OR 294: CONSENT OF INSTRUCTOR.
1 HOUR.

01905	LECT-DISC	&A	ARR				GEAR
01906	LECT-DISC	&B	ARR				FAIMAN

C S 287 INTRODUCTION TO NUMERICAL ANALYSIS.
SAME AS MATH. 287.
PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, OR CONSENT OF INSTRUCTOR.
3 HOURS.

01907	LECT-DISC	C1	1	M W F	100	M M B	PHILLIPS

C S 290 INDIVIDUAL STUDY.
PREREQUISITE: C. S. 101 OR 121: C. S. 201 OR 294: OR CONSENT OF INSTRUCTOR.
1 OR 2 HOURS.

01908	CONF	A	ARR				STAFF
01909	CONF	B	ARR				STAFF

C S 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS E. E. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS.

01910	LECT	S1	2-320	TU TH	100	M M B	FAIMAN

C S 306 SYSTEMS PROGRAMMING.
PREREQUISITE: C. S. 201.
3 HOURS OR 1 UNIT.
NOTE: IN ORDER TO UTILIZE EFFECTIVELY THE TIME ON THE PDP-11 COMPUTER, STUDENTS WILL BE ABLE TO SCHEDULE PRACTICE SESSIONS UP TO 4 HOURS PER WEEK.

01911	LECT-DISC	P1	1030-12	TU TH	151	E E B	GILLIES

C S 311 INFORMATION SYSTEMS.
PREREQUISITE: C. S. 310.
3 HOURS OR 1 UNIT.

01912	LECT-DISC	D1	11	M W F	217	M E L	MCCORMICK

C S 367 COMPUTER APPLICATION TO PROBLEMS IN MATHEMATICS.
SAME AS MATH. 367.
PREREQUISITE: C. S. 101, 107, 121, OR EQUIVALENT, AND JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01913	LECT-DISC	C1	10	M W F	156	ADMIN	REINGOLD

C S 383 LINEAR PROGRAMMING.
SAME AS MATH. 383.
PREREQUISITE: ONE YEAR OF CALCULUS.
3 HOURS OR 1 UNIT.

01914	LECT-DISC	E1	1	M W F	238	ADMIN	

S 387 NUMERICAL ANALYSIS.
SAME AS MATH. 387.
PREREQUISITE: C. S. OR MATH. 287. A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA. OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

01915	LECT-DISC	F1	2	M W F	155	A H		PURDY

S 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS E. E. AND MATH. 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

01916	LECT-DISC	D1	11	M W F	156	ADMIN		MURRELL

S 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS E. E. AND MATH. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

01917	LECT-DISC	C1	10	M W F	162	E E B		FORBES
01918	LECT-DISC	D1	11	M W F	447	A H		MULLER

S 397 SPECIAL TOPICS IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 3 HOURS. OR 1/2 TO 1 UNIT.
*SECTION A TOPIC: THE ILLIAC IV COMPUTER SYSTEM.
*SECTION B TOPIC: MEMORIES DISPLAYS AND ELECTRO-OPTICS.
*SECTION C TOPIC: DESIGN OF DIGITAL COMPUTER CONTROL UNITS.

01919	LECT-DISC	*A	9	M W F	342	ADV COMP		SLOTNICK
01920	LECT-DISC	*B	9-1020	TU TH	237	D C L		POPPELBAUM
01921	LECT-DISC	*C	10	M W F	237	D C L		ROBERTSON

S 400 INTRODUCTION TO AUTOMATIC DIGITAL COMPUTING FOR GRADUATE STUDENTS.
1 HOUR.

01922	LECT-DISC	R1	1	TH	100	M M B		CUDIA

S 401 COMPILER CONSTRUCTION.
PREREQUISITE: C. S. 301 AND 310.
1 UNIT.

01923	LECT-DISC	S1	2-320	TU TH	218	CER		WILCOX

S 413 COMPUTER APPLICATIONS IN SOCIAL SCIENCE STATISTICAL RESEARCH.
SAME AS PSYCH. AND SOC. 413.
PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE TAKEN CONCURRENTLY WITH SOC. 387.
1 UNIT.

01924	LECT-DISC	R1	1-220	TU TH	101	WOODSHOP		DICKMAN

S 414 ENGINEERING APPLICATIONS OF LINEAR GRAPHS.
SAME AS E. E. 414.
PREREQUISITE: E. E. 416, MATH. 315 OR 318.
1 UNIT.

01925	DISC	E1	1	M W F	335	E E B		MAYEDA

S 441 COMPUTER SYSTEMS ANALYSIS.
PREREQUISITE: MATH. 361 OR 363 OR EQUIVALENT.
1 UNIT.

01926	LECT-DISC	A1	8-10	M W	217	M E L		BOWDON

S 443 INTEGER PROGRAMMING AND ADVANCED LINEAR PROGRAMMING.
PREREQUISITE: MATH. 315 OR EQUIVALENT.
1 UNIT.

01927	LECT-DISC	N1	10-1120	TU TH	217	M E L		MUROGA

S 456 CODING THEORY.
SAME AS E. E. 456.
PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01928	DISC	T1	230-4	TU TH	170	E E B		CHEN

S 458 NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS.
SAME AS MATH. 458.
PREREQUISITE: C. S. OR MATH. 457, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01929	LECT-DISC	F1	2	M W F	217	M E L		SAYLOR

C S 465 TOPICS IN AUTOMATA THEORY.
SAME AS E. E. AND MATH. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION N1 CONSIDERS DESIGN OF DIGITAL COMPUTER CONTROL UNITS.

01930	LECT-DISC	*N1	10-1120	TU TH	101 WOODSHOP	METZE

C S 485 ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES.
SAME AS E. E. 485.
PREREQUISITE: C. S. OR E. E. 385.
1 UNIT.

01931	LECT-DISC	M1	9-1020	TU TH	212 WOODSHOP	KUBITZ

C S 487 THEORY OF APPROXIMATION.
SAME AS MATH. 487.
PREREQUISITE: MATH. 318, MATH. 348, OR CONSENT OF INSTRUCTOR.
1 UNIT.

01932	LECT-DISC	01	11	M W F	110 A H	

C S 490 INDIVIDUAL STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

01933	CONF	A	ARR		STAFF
01934	CONF	B	ARR		STAFF

C S 491 SEMINAR IN COMPUTER SCIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.
*SECTION A TOPIC: COMBINATORIAL MATHEMATICS IN COMPUTER DESIGN.
CREDIT-1/2 UNIT.
*SECTION B TOPIC: FORMAL GRAMMARS. 1 UNIT.
*SECTION C TOPIC: NONLINEAR ARRAY ALGORITHMS. PREREQUISITE FOR THIS SECTION: C. S. 387 OR CONSENT OF INSTRUCTOR. CREDIT 1 UNIT.
*SECTION D TOPIC: MACHINE INTELLIGENCE: MEMORY, ATTENTION, AND LEARNING. CREDIT - 1 UNIT.

01935	CONF	*A	ARR			MUROGA
01936	CONF	*B	Z	M W F	104 WOODSHOP	CUDIA
01937	CONF	*C	ARR			PHILLIPS
01938	CONF	*D	ARR			MCCORMICK

C S 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
*SECTION A IS FOR CANDIDATES FOR A MASTERS DEGREE.
*SECTION B IS FOR CANDIDATES FOR A PH.D. DEGREE.

01939	CONF	*A	ARR	STAFF
01940	CONF	*B	ARR	STAFF

CZECH

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 3092 F L B

CZECH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

01941	CONF	ARR

DEPARTMENT OFFICE 315 A S L

D S 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., AGRON., AND HORT. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.

01942	LAB	1	1-3	TU	W13	T H		D E ALEXANDER AND OTHERS
	LECT		2	M W	W109	T H		
01943	LAB	2	3-5	TU	W13	T H		
	LECT		2	M W	W109	T H		
01944	LAB	3	1-3	TH	W13	T H		
	LECT		2	M W	W109	T H		

D S 201 LIVESTOCK MANAGEMENT.
SAME AS AN. S. 201.
PREREQUISITE: AN. S./D. S. 221 OR AN. S. 325.
*ANIMAL AND DAIRY SCIENCE MAJORS DO NOT RECEIVE CREDIT FOR THIS COURSE.
*5 HOURS.

01945	LECT-DISC	11	MTUWTHF	135	A S L	JOHNSON AND ORMISTON

D S 204 DAIRY CATTLE EVALUATION.
PREREQUISITE: D. S. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

01946	LECT-DISC	1-3	TU	STOCK PAVILION		SPAHR
		1-3	TH	320	M H	

D S 221 ANIMAL NUTRITION.
SAME AS AN. S. 221.
PREREQUISITE: CHEM. 102(NEW), 132, OR 133.
4 HOURS.

01947	LECT-DISC	10	TUWTHF	135	A S L	BAKER AND BAUMAN

D S 230 COMPARATIVE PHYSIOLOGY OF REPRODUCTION, LACTATION AND GROWTH.
SAME AS AN. S. 230.
PREREQUISITE: ZOOL. 104 AND ONE COURSE IN CHEMISTRY.
3 HOURS.

01948	LECT	9	TU TH	W115	T H	HAYS AND DZIUK
	LAB	10-12	TU	414	A S L	

D S 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION; WRITTEN CONSENT OF INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL ARE REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS, OR 1/2 TO 1 UNIT.
SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
*SECTION 68 IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

01949	CONF	A	ARR			HARSHBARGER AND STAFF
01950	CONF	*68	ARR			

D S 305 GENETICS AND ANIMAL IMPROVEMENT.
SAME AS AN. S. 305.
PREREQUISITE: D. S. 110 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

01951	LECT	10	M W	153	A S L	
	DISC	10	F	153	A S L	GROSSMAN

D S 320 NUTRITION AND DIGESTIVE PHYSIOLOGY OF RUMINANTS.
SAME AS AN. S. 320.
PREREQUISITE: D. S./AN. S. 221.
3 HOURS OR 3/4 UNIT.

01952	LECT	9	M W F	242	BEV HALL	DAVIS & HINDS

D S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., F. S. FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

01953	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	W109	T H	
01954	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
01955	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
01956	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

D S 350 WORLD ANIMAL AGRICULTURE.
SAME AS AN. S. 350.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

01957	LECT	8	M W F	316N	M H	KASTELIC

D S 408 PHYSIOLOGY OF LACTATION.
1/2 TO 2 UNITS.

01958	LAB-DISC	ARR		414	A S L	HAYS

D S 412 ADVANCED ENDOCRINOLOGY.
SAME AS AN. S., PHYSL., AND ZOOL. 412.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC--TO BE ANNOUNCED

01959	DISC	730-10PM	M	140	BUR HALL	NALBANDOV

D S 416 POPULATION GENETICS AND ANIMAL BREEDING.
SAME AS AN. S. 416.
PREREQUISITE: D. S. 110 OR EQUIVALENT.
1 UNIT.

01960	LECT	9	M W F	153	A S L	GROSSMAN

D S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., F. S., FOR., HORT., AND V. M. S. 440.
PREREQUISITE: D. S. 340 OR EQUIVALENT.
3/4 UNIT.

01961	LAB-DISC	1	1-3	TH	W223	T H	CARMER
	LECT		9	M W	W115	T H	AND WALKER
01962	LAB-DISC	2	3-5	TH	W223	T H	
	LECT		9	M W	W115	T H	

D S 481 ANIMAL BIOCHEMICAL LABORATORY TECHNIQUES.
SAME AS AN. S. 481.
PREREQUISITE: CHEM. 350 AND 355: CONSENT OF INSTRUCTOR.
1 UNIT.
*PLUS TWO HOURS TO BE ARRANGED.

01963	LAB-DISC	*1-4	TU TH	341	A S L	LARSON, ROBINSON, AND OTHERS

D S 490 DAIRY SCIENCE SEMINAR.
0 OR 1/2 UNIT.

01964	CONF	4	W	341	A S L	HARSHBARGER

D S 493 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.

01965	CONF	ARR				HARSHBARGER AND STAFF

D S 499 THESIS RESEARCH.
0 TO 4 UNITS.

01966	CONF	ARR				HARSHBARGER AND STAFF

DAIRY TECHNOLOGY

OFFICE 104 D M B

NOTE--ALL STUDENTS SPECIALIZING IN DAIRY TECHNOLOGY ARE EXPECTED TO TAKE AN INSPECTION TRIP EITHER IN THE JUNIOR OR SENIOR YEAR. THIS TRIP COSTS THE STUDENT ABOUT $20.

D T 404 SEMINAR.
PREREQUISITE: GRADUATE STANDING IN DAIRY TECHNOLOGY.
*STUDENTS MAY ACCUMULATE ONE-HALF UNIT.
*0 TO 1/4 UNIT.

01967	LECT-DISC		ARR			STAFF

D T 499 THESIS RESEARCH.
0 TO 4 UNITS.

01968	CONF		ARR			STAFF

DANCE

DEPARTMENT OFFICE 162 KRAN CENTER

DANCE 101 BEGINNING MODERN DANCE.
FOR NON-DANCE MAJORS.
*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.
*1 HOUR.

01969	LAB	F	2	M W F	218	E B
01970	LAB	H	4	M W F	1115	W ORE
01971	LAB	P	11-1230	TU TH	218	E B

DANCE 102 INTERMEDIATE MODERN DANCE.
FOR NON-DANCE MAJORS.
PREREQUISITE: DANCE 101 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ONE ADDITIONAL HOUR.
*1 HOUR.

01972	LAB	T	3-430	TU TH	218	E B

DANCE 160 BEGINNING TECHNIQUE.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
*3 HOURS.

01973	LAB	B	9-1030	MTUWTHF	DANCE	RHRS KRAN
01974	LAB	B1	9-1030	MTUWTHF	218	E B

DANCE 163 IMPROVISATION, II.
PREREQUISITE: DANCE 162 OR CONSENT OF INSTRUCTOR.
1 HOUR.

01975	LAB	D	11	M W F	DANCE	RHRS KRAN
01976	LAB	D1	11	M W F	218	E B

DANCE 165 INTERMEDIATE TECHNIQUE.
PREREQUISITE: DANCE 160 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
*3 HOURS.

01977	LAB	X1	12-130	MTUWTHF	218	E B

DANCE 167 BEGINNING BALLET, II.
PREREQUISITE: DANCE 166 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE FOR CREDIT.
*1 HOUR.

01978	LAB	B	915-1030	M W	1115	W ORE
01979	LAB	C1	1045-12	M W	1115	W ORE
01980	LAB	Q	1215-130	TU TH	1115	W ORE

DANCE 169 MUSIC THEORY AND PRACTICE FOR DANCE, II.
PREREQUISITE: DANCE 168 OR CONSENT OF INSTRUCTOR.
2 HOURS.

01981	LAB-DISC	F	2	M W F	901	W ILLINOIS
01982	LAB-DISC	G	3	M W F	901	W ILLINOIS
01983	LAB-DISC	H	4	M W F	901	W ILLINOIS

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DANCE 199      UNDERGRADUATE OPEN SEMINAR.
         *MAY BE REPEATED.
         *0 TO 9 HOURS.
       01994       LAB                ARR
       01985       LAB         J        5-630    M  W        218  E B            ADINKU
       01986       LAB         W        5-630     TU TH      218  E B            ADINKU


DANCE 243      CREATIVE DANCE FOR CHILDREN.
         PREREQUISITE: DANCE 163 AND 165, OR CONSENT OF INSTRUTOR.
         3 HOURS.
       01987       LECT-DISC   T        9         TU TH       10  FREER GYM
                   LAB         T        9-12            S   218  E B


DANCE 244      TEACHING OF DANCE.
         PREREQUISITE: DANCE 243 OR CONSENT OF INSTRUCTOR.
         3 HOURS.
         STUDENTS IN THE TEACHING OF DANCE CURRICULUM ARE REQUIRED TO ENROLL
         IN SE. ED. 241.
       01988       LECT-DISC   T        3         TU TH    A ENSEMBLE KRAN
                   LAB         T        4         TU THF   DANCE RHRS KRAN


DANCE 245      DANCE IN THE ELEMENTARY SCHOOL.
         PREREQUISITE: DANCE 243.
         2 HOURS.
       01989       LECT-DISC   D       11        M  W         10  FREER GYM
                   LAB         D      ARR


DANCE 260      ADVANCED TECHNIQUE, I.
         PREREQUISITE: DANCE 165 OR CONSENT OF INSTRUCTOR.
         *MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS.
         *3 HOURS.
       01990       LAB         X       12-130    MTUWTHF   DANCE RHRS KRAN
       01991       LAB         E1     130-3      MTUWTHF   DANCE RHRS KRAN


DANCE 264      INTERMEDIATE COMPOSITION.
         PREREQUISITE: DANCE 164 OR CONSENT OF INSTRUCTOR.
         2 HOURS.
       01992       LAB         F        2-4      M  W      1115 W ORE
       01993       LAB         T        3-5       TU TH    1115 W ORE


DANCE 267      INTERMEDIATE BALLET, II.
         PREREQUISITE: DANCE 266 OR CONSENT OF INSTRUCTOR.
         1 HOUR.
       01994       LAB         N1    1030-1145    TU TH    1115 W ORE


DANCE 341      HISTORY OF THE DANCE, II.
         PREREQUISITE: DANCE 340 AND CONSENT OF INSTRUCTOR.
         3 HOURS, OR 3/4 TO 1 UNIT.
         *SECTION C IS FOR UNDERGRADUATE STUDENTS.
         *SECTIOND IS FOR GRADUATE STUDENTS.
       01995       LECT       *C       10        M  W  F   901 W ILLINOIS
       01996       LECT       *D       11        M  W  F   901 W ILLINOIS


DANCE 345      DANCE PRODUCTION WORKSHOP.
         PREREQUISITE: DANCE 264 OR CONSENT OF INSTRUCTOR.
         3 HOURS, OR 3/4 TO 1 UNIT.
       01997       LAB-DISC    P       11-1      TU TH       10  FREER GYM


DANCE 346      THEORY AND PHILOSOPHY OF DANCE.
         PREREQUISITE: DANCE 340 OR CONSENT OF INSTRUCTOR.
         3 HOURS, OR 3/4 TO 1 UNIT.
       01998       LECT-DISC   N        9-11      TU        901 W ILLINOIS
                               N       10            TH     901 W ILLINOIS


DANCE 350      DANCE REPERTORY WORKSHOP.
         PREREQUISITE: ENROLLMENT IN ADVANCED TECHNIQUE COURSE AND CONSENT
         OF INSTRUCTOR.
         *MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 2 UNITS.
         *2 OR 4 HOURS, OR 1/2 OR 1 UNIT.
       01999       LAB         G        3-5      M  W      DANCE RHRS KRAN
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ANCE 351 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 8 HOURS OR 1 UNIT.
*2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

02000	LAB	G	3-5		F	10	FREER GYM

ANCE 360 ADVANCED TECHNIQUE, II.
PREREQUISITE: DANCE 260 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 12 HOURS OR 1 UNIT.
*3 HOURS OR 1/2 UNIT.

02001	LAB	E1	130-3	MTUWTHF	DANCE RHRS KRAN	

DANCE 401 CHOREOGRAPHY.
PREREQUISITE: DANCE 345 OR EQUIVALENT.
1/2 TO 2 UNITS.

02002	LAB	G	3-5	M		10	FREER GYM
02003	LAB	G1	3-5		W	10	FREER GYM

DANCE 490 DANCE SEMINAR.
0 CREDIT.

02004	DISC	ARR		901 W ILLINOIS

DANCE 499 THESIS RESEARCH.
1/2 TO 2 UNITS.

02005	CONF	ARR		901 W ILLINOIS

ECONOMICS

DEPARTMENT OFFICE 330 COM W

MAJOR: TWENTY HOURS IN ECONOMICS, INCLUDING ECON. 108, OR 102 AND 103, 171, 300, AND 301. STUDENTS ARE ADVISED TO TAKE ONE OF THE FOLLOWING MATH. SEQUENCES: MATH. 120, 130, 140; OR MATH. 120, 131, 141; OR MATH. 135, 145. MINIMUM REQUIREMENTS OF THE DEPARTMENT CAN BE SATISFIED BY MATH. 120, 130; OR MATH. 120, 131; OR MATH. 135; OR MATH. 124, 134. IN ADDITION STUDENTS CONSIDERING GRADUATE WORK SHOULD TAKE MATH. 315. LIBERAL ARTS MAJORS ARE STRONGLY ADVISED TO ELECT ACCY 201, WHICH IS NOT ACCEPTABLE TOWARD THE MAJOR REQUIREMENT.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, EDUCATION, FINANCE, GEOGRAPHY, GEOLOGY, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY. AN ECONOMICS MAJOR WHO CHOOSES FINANCE AS A MINOR MUST INCLUDE TWELVE HOURS IN A SECOND MINOR. THE CURRICULUM IN LATIN-AMERICAN, ASIAN, OR RUSSIAN AREA STUDIES IS ACCEPTED AS A MINOR.

NOTE: ECON. 102 AND 103 ARE REQUIRED FOR ALL COMMERCE STUDENTS, AND THESE OR 108 ARE REQUIRED FOR ALL LIBERAL ARTS MAJORS IN ECONOMICS. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN ECONOMICS SHOULD TAKE THESE COURSES IN THEIR SOPHOMORE YEAR.

ECON 102 PRINCIPLES OF ECONOMICS, I.
PREREQUISITE: ONE SEMESTER OF COLLEGE WORK.
3 HOURS.
LECTURE-DISCUSSION 1 WILL BE TAUGHT BY SENIOR FACULTY, AND DOES NOT HAVE QUIZ SECTIONS.

02006	LECT-DISC	1	930-11	TU TH	245	COM W	

STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

02007	QUIZ	A1	8	TU	305	D K H	
	LECT	A	2	M W	141	COM W	SPRENKLE
02008	QUIZ	A2	9	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02009	QUIZ	A3	10	TU	305	D K H	
	LECT	A	2	M W	141	COM W	

ECON 102 CONTINUED

02010	QUIZ	A4	11	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02011	QUIZ	A5	12	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02012	QUIZ	A6	1	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02013	QUIZ	A7	2	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02014	QUIZ	A8	3	TU	305	D K H	
	LECT	A	2	M W	141	COM W	
02015	QUIZ	B1	8	TH	305	D K H	
	LECT	B	1	M W	66	LIB	WELLS
02016	QUIZ	B2	9	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02017	QUIZ	B3	10	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02018	QUIZ	B4	11	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02019	QUIZ	B5	12	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02020	QUIZ	B6	1	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02021	QUIZ	B7	2	TH	305	D K H	
	LECT	B	1	M W	66	LIB	
02022	QUIZ	B8	3	TH	305	D K H	
	LECT	B	1	M W	66	LIB	

ECON 103 PRINCIPLES OF ECONOMICS. II.
PREREQUISITE: ECON. 102.
3 HOURS.

02023	LECT-DISC	A	8	M W F	305	D K H	
02024	LECT-DISC	A1	8	M W F	223	D K H	
02025	LECT-DISC	B	9	M W F	305	D K H	
02026	LECT-DISC	B1	9	M W F	119	D K H	
02027	LECT-DISC	C	10	M W F	222	D K H	
02028	LECT-DISC	X	12	M W F	130	COM W	

STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

02029	QUIZ	1	9	TU	329	G H	
	LECT	D	9	M W	213	G H	SCHOEPLEIN
02030	QUIZ	2	10	TU	1	G H	
	LECT	D	9	M W	213	G H	
02031	QUIZ	3	11	TU	217	G H	
	LECT	D	9	M W	213	G H	
02032	QUIZ	4	9	TH	329	G H	
	LECT	D	9	M W	213	G H	
02033	QUIZ	5	10	TH	1	G H	
	LECT	D	9	M W	213	G H	
02034	QUIZ	6	11	TH	217	G H	
	LECT	D	9	M W	213	G H	

ECON 108 ELEMENTS OF ECONOMICS.
NOT OPEN TO COMMERCE STUDENTS OR STUDENTS WHO HAVE HAD ECON. 102 AND 103.
PREREQUISITE: FIRST SEMESTER FRESHMAN IN ENGINEERING. SECOND SEMESTER FRESHMAN IN OTHER COLLEGES.
3 HOURS.
LECTURE-DISCUSSIONS &1. &2. AND &3 ARE OPEN TO JAMES SCHOLARS OR TO STUDENTS WITH A MINIMUM CUMULATIVE GRADE INDEX OF 4.25 AND THE WRITTEN CONSENT OF THE INSTRUCTOR.
LECT-DISC 4 IS FOR THOSE PREPARING TO TEACH IN THE PUBLIC SCHOOLS.
LECTURE-DISCUSSIONS 5 AND 6 WILL BE TAUGHT BY SENIOR FACULTY.

02062	LECT-DISC	&1	8	M W F	20	COM W	BECKETT
02063	LECT-DISC	&2	11	M W F	140	COM W	BECKETT
02064	LECT-DISC	&3	1	M W F	126	COM W	ANDERSON
02065	LECT-DISC	4	2	M W F	140	COM W	PADEN
02066	LECT-DISC	5	1	M W F	245	COM W	STAFF
02067	LECT-DISC	6	2	M W F	245	COM W	STAFF

STUDENTS REGISTERING IN THE FOLLOWING SECTIONS MUST CHOOSE ONE QUIZ-LECTURE COMBINATION.

02035	QUIZ	A1	8	TU	119	D K H	
	LECT	A	9	M W	103	M H	FERBER
02036	QUIZ	A2	9	TU	119	D K H	
	LECT	A	9	M W	103	M H	
02037	QUIZ	A3	10	TU	119	D K H	
	LECT	A	9	M W	103	M H	

ECON 108 CONTINUED

02038	QUIZ	A4	11	TU	119	D K H		
	LECT	A	9	M W	103	M H		
02039	QUIZ	A5	12	TU	119	D K H		
	LECT	A	9	M W	103	M H		
02040	QUIZ	A6	1	TU	119	D K H		
	LECT	A	9	M W	103	M H		
02041	QUIZ	A7	2	TU	119	D K H		
	LECT	A	9	M W	103	M H		
02042	QUIZ	A8	3	TU	119	D K H		
	LECT	A	9	M W	103	M H		
02043	QUIZ	B1	8	TH	119	D K H		
	LECT	B	10	M W	103	M H		PADEN
02044	QUIZ	B2	9	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02045	QUIZ	B3	10	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02046	QUIZ	B4	11	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02047	QUIZ	B5	12	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02048	QUIZ	B6	1	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02049	QUIZ	B7	2	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02050	QUIZ	B8	3	TH	119	D K H		
	LECT	B	10	M W	103	M H		
02051	QUIZ	C1	8	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		WEISER
02052	QUIZ	C2	9	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02053	QUIZ	C3	10	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02054	QUIZ	C4	11	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02055	QUIZ	C5	12	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02056	QUIZ	C6	1	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02057	QUIZ	C7	2	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		
02058	QUIZ	C8	3	TU TH	223	D K H		
	LECT	C	2	F	141	COM W		

STUDENTS ENROLLED IN ECONOMICS 108 MAY ALSO ENROLL. ON AN OPTIONAL BASIS. IN ONE OF THE CONFERENCE SECTIONS FOR AN ADDITIONAL ONE HOUR OF CREDIT. THESE CONFERENCE SECTIONS WILL BE LIMITED IN ENROLLMENT AND WILL BE STAFFED BY SENIOR FACULTY MEMBERS. EACH SECTION WILL BE DEVOTED TO DISCUSSION OF PARTICULAR CURRENT ECONOMIC PROBLEMS AS NOTED BELOW:

*SECTION N TOPIC: INTERNATIONAL ECONOMICS.
SECTION S TOPIC: U.S. FOREIGN INVESTMENT: DEVELOPMENT STIMULUS OR NEO-COLONIALISM.
*SECTION T TOPIC: ECONOMIC DEVELOPMENT WITH EMPHASIS ON TROPICAL AFRICA.

02059	CONF	*N	1	TU	11	COM W		FERBER
02060	CONF	*S	2	TU	20	COM W		GILLESPIE
02061	CONF	*T	3	TH	140	COM W		DUE

ECON 171 INTRODUCTORY ECONOMIC STATISTICS.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: CONCURRENT REGISTRATION IN MATH. 134.
*NOT OPEN FOR CREDIT IN ADDITION TO ECON. 172 AND 173, MATH. 161, OR PSYCH. 135.
*3 HOURS.

02068	LECT-DISC	C	10	M W F	140	COM W		STAFF
	LAB	C	10	TU	205	D K H		
02069	LECT-DISC	E	11	M W F	130	COM W		STAFF
	LAB	E	1	TU	205	D K H		

ECON 172 ECONOMIC STATISTICS. I.
PREREQUISITE: MATH. 134 OR EQUIVALENT. AND CREDIT OR REGISTRATION IN ECON. 102 OR 108.
3 HOURS.

02070	LECT-DISC	A	8	M W F	130	COM W	
	LAB	A	8	TH	205	D K H	
02071	LECT-DISC	B	9	M W F	307	D K H	
	LAB	B	9	TH	205	D K H	
02072	LECT-DISC	C	10	M W F	305	D K H	
	LAB	C	10	TH	205	D K H	
02073	LECT-DISC	C1	10	M W F	307	D K H	
	LAB	C1	10	TH	205	D K H	
02074	LECT-DISC	D	11	M W F	305	D K H	
	LAB	D	11	TH	205	D K H	
02075	LECT-DISC	D1	11	M W F	307	D K H	
	LAB	D1	11	TH	205	D K H	
02076	LECT-DISC	D2	11	M W F	222	D K H	
	LAB	D2	11	TH	205	D K H	
02077	LECT-DISC	F	2	M W F	111	D K H	
	LAB	F	2	TH	205	D K H	
02078	LECT-DISC	F1	2	M W F	307	D K H	
	LAB	F1	2	TH	205	D K H	
02079	LECT-DISC	F2	2	M W F	222	D K H	
	LAB	F2	2	TH	205	D K H	

ECON 173 ECONOMIC STATISTICS. II.
PREREQUISITE: ECON. 172 OR EQUIVALENT.
3 HOURS.

02080	LECT-DISC	A	8	M W F	119	D K H	
	LAB	A	8	TU	205	D K H	
02081	LECT-DISC	B	9	M W F	223	D K H	
	LAB	B	9	TU	205	D K H	
02082	LECT-DISC	C	10	M W F	119	D K H	
	LAB	C	10	TU	205	D K H	
02083	LECT-DISC	C1	10	M W F	151	ARMORY	
	LAB	C1	10	TU	205	D K H	
02084	LECT-DISC	D	11	M W F	119	D K H	
	LAB	D	11	TU	205	D K H	
02085	LECT-DISC	D1	11	M W F	113	D K H	
	LAB	D1	11	TU	205	D K H	
02086	LECT-DISC	X	12	M W F	119	D K H	
	LAB	X	12	TU	205	D K H	
02087	LECT-DISC	X1	12	M W F	223	D K H	
	LAB	X1	12	TU	205	D K H	
02088	LECT-DISC	E	1	M W F	111	D K H	
	LAB	E	1	TU	205	D K H	
02089	LECT-DISC	E1	1	M W F	307	D K H	
	LAB	E1	1	TU	205	D K H	
02090	LECT-DISC	F	2	M W F	119	D K H	
	LAB	F	2	TU	205	D K H	
02091	LECT-DISC	F1	2	M W F	223	D K H	
	LAB	F1	2	TU	205	D K H	
02092	LECT-DISC	G	3	M W F	119	D K H	
	LAB	G	3	TU	205	D K H	
02093	LECT-DISC	G1	3	M W F	223	D K H	
	LAB	G1	3	TU	205	D K H	

ECON 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
RECOMMENDED FOR STUDENTS AFTER HAVING TAKEN 102, 103, OR 108.
CONFERENCE 1. ENVIRONMENTAL ECONOMICS. MAY BE TAKEN FOR 2 HOURS CREDIT.
CONFERENCE 2. CURRENT ECONOMIC PROBLEMS. CREDIT TO BE ARRANGED WITH INSTRUCTOR.

02094	CONF	ARR	ARR				
02095	CONF	1	2	M	170	COM W	
02096	CONF	2	3-430	TU TH	160	COM W	

ECON 214 GOVERNMENT FINANCE AND TAXATION.
PREREQUISITE: ECON. 103. OR 108.
3 HOURS.

02097	LECT-DISC	B	9	M W F	245	COM W	HEINS
02098	LECT-DISC	D	3	M W F	140	COM W	WESTON
02099	LECT-DISC	F	1	M W F	130	COM W	LEUTHOLD

ECON 236 AMERICAN ECONOMIC HISTORY.
PREREQUISITE: JUNIOR STANDING, ECON. 103 OR 108.
3 HOURS.

02100	LECT-DISC	B	9	M W F	126	COM W	WESTON
02101	LECT-DISC	C	10	M W F	126	COM W	WESTON

ECON 240 LABOR PROBLEMS.
PREREQUISITE: ECON. 102 AND 103, OR 108.
3 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

02102	LECT		10	W F	141	COM W		STAFF
02103	QUIZ	L	8	TH	40	COM W		
02104	QUIZ	M	9	TH	40	COM W		
02105	QUIZ	N	10	TH	40	COM W		
02106	QUIZ	P	11	TH	40	COM W		
02107	QUIZ	R	1	TH	40	COM W		
02108	QUIZ	S	2	TH	40	COM W		

ECON 255 COMPARATIVE ECONOMIC SYSTEMS.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

02109	LECT-DISC	B	9	M W F	141	COM W		GOTTHEIL
02110	LECT-DISC	C	10	M W F	245	COM W		NORDIN
02111	LECT-DISC	D	11	M W F	245	COM W		FERBER

ECON 272 INTRODUCTION TO ECONOMETRICS.
PREREQUISITE: MATH. 134. ECON. 173.
3 HOURS.

02112	LECT-DISC	D	11	M W F	40	COM W		RESEK

ECON 288 GOVERNMENT REGULATION OF ECONOMIC ACTIVITY.
PREREQUISITE: ECON. 102 AND 103. OR 108.
3 HOURS.

02113	LECT-DISC	G	3	M W F	130	COM W		STAFF

ECON 295 SENIOR RESEARCH.
PREREQUISITE: CUMULATIVE GRADE POINT AVERAGE OF 4.0 OR HONORS IN THE JUNIOR YEAR. SENIOR STANDING.
2 TO 4 HOURS.

02114	CONF		3-430	TU	20	COM W		HEINS

ECON 300 INTERMEDIATE MICRO-ECONOMIC THEORY.
PREREQUISITE: ECON. 103. OR 108.
*STUDENTS MAY NOT RECEIVE GRADUATE CREDIT FOR ECON. 300 AND B. ADM. 500.
*3 HOURS. OR 1/2 OR 3/4 UNIT.
MATH. 124 AND 134 ARE RECOMMENDED.

02115	LECT-DISC	A	8	M W F	40	COM W		
02116	LECT-DISC	B	9	M W F	40	COM W		
02117	LECT-DISC	C	10	M W F	223	D K H		
02118	LECT-DISC	D	11	M W F	223	D K H		

ECON 301 INTERMEDIATE MACRO-ECONOMIC THEORY.
PREREQUISITE: ECON. 103 OR 108.
*STUDENTS MAY NOT RECEIVE GRADUATE CREDIT FOR ECON. 301 AND B. ADM. 501.
*3 HOURS. OR 1/2 OR 3/4 UNIT.
MATH. 124 AND 134 ARE RECOMMENDED.

02119	LECT-DISC	A	8	M W F	245	COM W		
02120	LECT-DISC	B	9	M W F	222	D K H		
02121	LECT-DISC	C	10	M W F	40	COM W		
02122	LECT-DISC	E	1	M W F	305	D K H		
02123	LECT-DISC	F	2	M W F	305	D K H		

ECON 306 HISTORY OF ECONOMIC THOUGHT.
PREREQUISITE: ECON. 103. OR 108. SENIOR STANDING.
3 HOURS OR 1/2 UNIT.

02124	LECT-DISC	F	9	M W F	140	COM W		STAFF

ECON 312 ECONOMIC DYNAMICS AND GROWTH.
PREREQUISITE: ECON. 103. OR 108. AND ECON. 301.
3 HOURS. OR 1/2 OR 1 UNIT.

02125	LECT-DISC	B	2	M W F	126	COM W		

ECON 313 ECONOMICS OF CONSUMPTION.
SAME AS H. EC. 313.
PREREQUISITE: ECON. 102 OR 108. A COURSE IN APPLIED STATISTICS. AND JUNIOR STANDING.
3 HOURS. OR 3/4 OR 1 UNIT.

02126	LECT-DISC	G	3	M W F	242	BEV HALL		

ECON 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.
SAME AS L. I. R. 315.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

02127	LECT-DISC	C	10	M	W	F	130	COM W	PARRISH
02128	LECT-DISC	E	1	M	W	F	119	D K H	HUSBY

ECON 328 INTERNATIONAL ECONOMICS.
PREREQUISITE: ECON. 102 AND 103. OR ECON. 108.
3 HOURS. OR 1/2 OR 1 UNIT.

02129	LECT-DISC	B	9	M	W	F	111	D K H	WEISER
02130	LECT-DISC	E	1	M	W	F	222	D K H	YEUNG

ECON 329 CONTEMPORARY ISSUES IN THE INTERNATIONAL ECONOMY.
PREREQUISITE: ECON. 328 OR EQUIVALENT.
3 HOURS. OR 1/2 OR 1 UNIT.

02131	LECT-DISC	B	9	M	W	F	20	COM W	BECKETT

ECON 337 ECONOMIC HISTORY OF AMERICAN AGRICULTURE.
SAME AS AG. EC. AND HIST. 337.
PREREQUISITE: A COLLEGE-LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY.
*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE REQUIRED TO DO EXTRA WORK.
*3 HOURS. OR 3/4 OR 1 UNIT.

02132	LECT-DISC	L	830-10	TU	TH		313	M H	

ECON 341 THE ECONOMICS OF LABOR MARKETS.
SAME AS L. I. R. 341.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

02133	LECT-DISC	N	10-1130	TU	TH		222	D K H	HARTMAN

ECON 345 ECONOMICS OF MANPOWER.
SAME AS L. I. R. 345.
PREREQUISITE: ECON. 103 OR 108.
*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 345 AND ECON./L. I. R. 444.
*3 HOURS. OR 1/2 OR 1 UNIT.

02134	LECT-DISC	F	2	M	W	F	40	COM W	PARRISH

ECON 350 THE DEVELOPING ECONOMIES.
PREREQUISITE: ECON. 103 OR 108.
*NOT OPEN FOR GRADUATE CREDIT FOR GRADUATE CANDIDATES IN ECONOMICS. GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH ECON. 350 AND 450 OR 451.
*3 HOURS. OR 1/2 OR 1 UNIT.

02135	LECT-DISC	E	1	M	W	F	40	COM W	TAIRA

ECON 354 ECONOMIC DEVELOPMENT OF TROPICAL AFRICA.
SAME AS AG. EC. 354.
PREREQUISITE: ECON. 103 OR 108. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

02136	LECT-DISC	B	9	M	W	F	11	COM W	DUE

ECON 357 THE SOVIET ECONOMY.
PREREQUISITE: ECON. 103 OR 108 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

02137	LECT-DISC	F	3	M	W	F	245	COM W	HODGMAN

ECON 360 REGIONAL ECONOMIC DEVELOPMENT.
PREREQUISITE: ECON. 103 OR 108.
*STUDENTS RECEIVING GRADUATE CREDIT FOR ECON. 360 MAY NOT RECEIVE CREDIT FOR ECON. 460 OR 461.
*3 HOURS. OR 1/2 OR 1 UNIT.

02138	LECT-DISC	B	9	M	W	F	130	COM W	PARKER

ECON 368 MATHEMATICAL ECONOMICS, II.
PREREQUISITE: MATH. 124 OR 315. MATH. 141. ECON. 300 OR EQUIVALENT.
3 HOURS. OR 1/2 OR 1 UNIT.

02139	LECT-DISC	D	11	M	W	F	126	COM W	SHUPP

ECON 384 ECONOMICS OF TRANSPORTATION.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

02140	LECT-DISC	G	1	M W F	140	COM W	DUE

ECON 386 CURRENT TRANSPORTATION PROBLEMS.
PREREQUISITE: ECON. 384 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

02141	LECT-DISC		130-3	TU TH	120	COM W	DUE

ECON 389 INDUSTRIAL COMPETITION AND MONOPOLY.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

02142	LECT-DISC	F	2	M W F	130	COM W	ARNOULD

ECON 400 GENERAL ECONOMIC THEORY.
PREREQUISITE--ECON. 103 OR 108.
1 UNIT.

02143	LECT-DISC	L	8-10	TU TH	20	COM W	STEINKAMP

ECON 401 GENERAL ECONOMIC THEORY.
PREREQUISITE: ECON. 103 OR 108.
1 UNIT.

02144	LECT-DISC	N	10-12	TU TH	130	COM W	BRANDIS
02145	LECT-DISC	T	3-5	TU TH	130	COM W	HUSBY

ECON 402 ECONOMIC THEORY.
PREREQUISITE: ECON. 300, 301, OR EQUIVALENT; ONE SEMESTER OF CALCULUS AND ONE SEMESTER OF STATISTICS. FOR MATHEMATICAL
1 UNIT.
SECTION. A KNOWLEDGE OF ALGEBRA AND CALCULUS.

02146	LECT-DISC	R	10-12	TU TH	126	COM W	ANDERSON

ECON 403 ECONOMIC THEORY.
PREREQUISITE: ECON. 300, 301 OR EQUIVALENT; ONE SEMESTER OF CALCULUS AND ONE SEMESTER OF STATISTICS. FOR MATHEMATICAL
1 UNIT.
SECTION. A KNOWLEDGE OF ALGEBRA AND CALCULUS.
*SECTION &N IS THE MATHEMATICS SECTION.

02148	LECT-DISC	*&N	1-3	TU TH	245	COM W	BREMS
02147	LECT-DISC	N1	10-12	TU TH	140	COM W	MCMAHON

ECON 406 HISTORY OF ECONOMIC THOUGHT.
PREREQUISITE: ECON. 300 AND 301 OR EQUIVALENT.
1 UNIT.

02149	LECT-DISC	R	1-3	TH	11	COM W	GOTTHEIL

ECON 408 PHILOSOPHICAL PROBLEMS IN ECONOMICS.
PREREQUISITE: ONE UNIT IN ECONOMIC THEORY OR ONE UNIT IN THE HISTORY OF ECONOMIC THOUGHT.
1 UNIT.

02150	LECT-DISC	C	10-12	W	11	COM W	BRANDIS

ECON 412 ADVANCED AGGREGATE INCOME THEORY.
PREREQUISITE: GRADUATE STANDING, ECON. 403, OR CONSENT OF INSTRUCTOR.
1 UNIT.

02151	LECT-DISC	N	10-12	TU TH	11	COM W	SPRENKLE

ECON 415 ECONOMICS OF TAXATION.
PREREQUISITE: SIX HOURS OF ECONOMICS.
1 UNIT.

02152	LECT-DISC	G	3-5	F	20	COM W	LEUTHOLD

ECON 421 THE THEORY OF MONETARY POLICY.
PREREQUISITE: A COURSE IN MONEY AND BANKING, IN MACRO-ECONOMIC THEORY, CALCULUS, AND STATISTICS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

02153	LECT-DISC	C	10-12	F	20	COM W	HODGMAN

ECON 429 INTERNATIONAL TRADE POLICY.
PREREQUISITE: ECON. 300 AND 301, OR EQUIVALENT.
1 UNIT.

02154	LECT-DISC	F	2-4	M		20	COM W	GILLESPIE

ECON 436 AMERICAN ECONOMIC HISTORY.
NOT OPEN TO STUDENTS WHO HAVE HAD ECON. 236.
1 UNIT.

02155	LECT-DISC	L	830-10	TU TH		111	D K H	KEMMERER

ECON 438 ECONOMIC HISTORY OF EUROPE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

02156	LECT-DISC	R	10-12	M	F	111	D K H	KEMMERER

ECON 441 LABOR ECONOMICS.
SAME AS L. I. R. 441.
PREREQUISITE: ECON. 300 AND 301.
1 UNIT.

02157	LECT-DISC	R	1-3		TH	20	COM W	HARTMAN

ECON 442 COLLECTIVE BARGAINING.
SAME AS L. I. R. 442.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

02158	LECT-DISC		1-3		W	43	L I R	

ECON 451 THE DEVELOPING ECONOMIES.
PREREQUISITE: ECON. 450.
1 UNIT.

02159	LECT-DISC	T	3-5	TU		11	COM W	VANDENDRIES

ECON 461 URBAN AND REGIONAL ECONOMIC DEVELOPMENT.
PREREQUISITE: ECON. 300 AND 301.
*STUDENTS RECEIVING CREDIT FOR ECON. 461 MAY NOT RECEIVE GRADUATE CREDIT FOR ECON. 360.
*1 UNIT.

02160	LECT-DISC	L	8-10	TU		11	COM W	PARKER

ECON 468 MATHEMATICAL ECONOMICS, II: DYNAMICS.
PREREQUISITE: MATH. 315: ECON. 402-403: OR EQUIVALENT.
1 UNIT.

02161	LECT-DISC	G	3-5		TH	20	COM W	SHUPP

ECON 470 ECONOMIC STATISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

02162	LECT-DISC	G	3-5	M	W	40	COM W	RESEK

ECON 471 ECONOMIC STATISTICS.
PREREQUISITE: ECON. 470 OR EQUIVALENT.
1 UNIT.

02163	LECT-DISC	R	11	M	W F	21	D K H	DUCHAN

ECON 477 ECONOMETRICS, II.
PREREQUISITE: ECON. 476.
1 UNIT.

02164	LECT-DISC	E	1-3		W F	20	COM W	YANCEY

ECON 481 INDUSTRIAL ORGANIZATION AND PUBLIC POLICY.
PREREQUISITE: ECON. 480.
1 UNIT.

02165	LECT-DISC	T	3-5		F	126	COM W	STAFF

ECON 490 INDIVIDUAL STUDY AND RESEARCH.
1/2 TO 1 UNIT.
*CONFERENCES 2, 3, 4, 5 AND 6 ARE DEVELOPMENT, SYSTEMS, MONETARY, QUANTATIVE AND FINANCE WORKSHOPS, RESPECTIVELY. PH. D. CANDIDATES MAY RECEIVE ONE UNIT OF CREDIT FOR WORKSHOP PARTICIPATION.

02166	CONF	1	ARR					STAFF
02167	CONF	*2	4-53C	M		11	COM W	VANDENDRIES TAIRA FRANKEL
02168	CONF	*3	4-53C	TU		245	COM W	GOTTHEIL FERBER, MILLAR TAIRA
02169	CONF	*4	4-53C		TH	234	COM W	HODGMAN SPRENKLE, ARLT BRYAN
02170	CONF	*5	4-53C	TU		236	COM W	JUDGE & STAFF
02171	CONF	*6	4-53C	W		236	COM W	DUE, HEINS LEUTHOLD SCHOEPLEIN

ECON 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION 1 IS EXCLUSIVELY FOR MASTERS CANDIDATES AND SECTION 2 IS EXCLUSIVELY FOR PH. D. CANDIDATES.

02172	CONF	*1	10-12	M		20	COM W	STAFF
02173	CONF	*2	3-5		TH	245	COM W	RESEK

EDUCATION

DEPARTMENT OFFICE 110 EDUCATION

EDUC 101 EDUCATION PRACTICUM.
PREREQUISITE: EDUC. 100 OR CONSENT OF INSTRUCTOR.
4 HOURS.

02174	DISC	1	8-10	M W	120	COM W	
02175	DISC	2	10-12	M W	316N	M H	
02176	DISC	3	10-12	M W	153B	M E B	
02177	DISC	4	9-11	TU TH	21	D K H	
02178	DISC	5	9-11	TU TH	307	D K H	

EDUC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

02179	LECT-DISC	10-12	TU	125	D K H

DEPARTMENT OFFICE EDUCATION BUILDING

ED AD 430 ELEMENTARY SCHOOL ORGANIZATION AND ADMINISTRATION.
INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

02180	LECT-DISC	7-9PM	TU	369	EDUC	WESTON

ED AD 438 INSTRUCTIONAL SUPERVISION.
PREREQUISITE: EL. ED. OR SE. ED. 439 AND ED. AD. 460.
1 UNIT.

02181	LECT-DISC	4-6	M	389	EDUC	SERGIOVANNI

ED AD 440 ADMINISTRATION AND SUPERVISION OF JUNIOR AND SENIOR HIGH SCHOOLS.
INTENDED PRIMARILY FOR CANDIDATES FOR THE MASTERS DEGREE.
PREREQUISITE: ED. AD. 460 OR CONSENT OF INSTRUCTOR.
1 UNIT.

02182	LECT-DISC	7-9PM	M	382	EDUC	RAUBINGER

ED AD 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

02183	CONF	ARR				

ED AD 460 PUBLIC CONTROL AND ADMINISTRATION OF EDUCATION.
NOT OPEN TO EXPERIENCED ADMINISTRATORS OR TO ANY STUDENTS WHO HAVE TAKEN ANY OF THE FOLLOWING COURSES (OR EQUIVALENT): ED. AD. 430, 440, 461, 462, 464, 465, 466.
1 UNIT.

02184	LECT-DISC	7-9PM	TU	385	EDUC	RAUBINGER

ED AD 462 ORGANIZATION AND BUSINESS ADMINISTRATION OF PUBLIC EDUCATION.
PREREQUISITE: ED. AD. 460, 430 OR 440, AND 461.
1 UNIT.

02185	LECT-DISC	4-7	TH	25	EDUC	BURNAHM

ED AD 463 THE ROLE OF ADMINISTRATIVE LEADERSHIP.
PREREQUISITE: ED. AD. 461 AND EDPSY. 413.
1 UNIT.

02186	LECT-DISC	5-9	TU	130	COM W	CARVER & MILLER

ED AD 464 FIELD PROBLEMS IN EDUCATIONAL ADMINISTRATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION H OPEN TO STUDENTS IN SPECIAL EDUCATION ONLY.

02188	LECT-DISC *H	ARR				HENDERSON & SPRIGGS
02187	LECT-DISC V	ARR				

ED AD 466 PUBLIC SCHOOL FINANCE.
PREREQUISITE: ED. AD. 460 AND 430 OR 440 AND 462.
1 UNIT.

02189	LECT-DISC	4-6	W	385	EDUC	MCLURE

ED AD 468 SCHOOL-COMMUNITY RELATIONS.
1 UNIT.

02190	LECT-DISC	7-9PM	M	385	EDUC	SUMPTION

ED AD 469 LEGAL BASIS OF SCHOOL ADMINISTRATION.
1 UNIT.

02191	LECT-DISC	7-9PM	TU	382	EDUC	SUMPTION

ED AD 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN EDUCATIONAL ADMINISTRATION AND SUPERVISION.
1 TO 2 UNITS.

02192	CONF	ARR				

ED AD 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.
02193 CONF ARR

ED AD 497 COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT.
SAME AS L. I. R. 497, SOC. W. 497, AND POL. S. 469.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
02194 LECT-DISC 3-5 TU 43 L I R DERBER

ED AD 499 THESIS RESEARCH.
0 TO 4 UNITS.
02195 CONF ARR

EDUCATIONAL PRACTICE

DEPARTMENT OFFICE EDUCATION BUILDING

ADMISSION TO EDUCATIONAL PRACTICE (STUDENT TEACHING): ADMISSION TO STUDENT TEACHING IS LIMITED TO THOSE STUDENTS WHO ARE IN GOOD STANDING IN A TEACHER EDUCATION CURRICULUM APPROVED BY THE URBANA-CHAMPAIGN COUNCIL ON TEACHER EDUCATION. APPROXIMATELY ONE YEAR PRIOR TO THE SCHOOL YEAR IN WHICH THEY CAN BE EXPECTED TO ENROLL IN AN EDUCATIONAL PRACTICE COURSE, ELIGIBLE STUDENTS WILL HAVE MAILED TO THEM AN INVITATION TO APPLY FOR A TENTATIVE STUDENT TEACHING ASSIGNMENT IN THE PUBLIC SCHOOLS. THESE APPLICATIONS MUST BE COMPLETED AND PROCESSED PROMPTLY THROUGH THE APPROPRIATE OFFICE OF STUDENT TEACHING. STUDENTS WHOSE APPLICATIONS ARE APPROVED WILL ENROLL FOR THE FOLLOWING SCHOOL YEAR. CANDIDATES FOR UNIVERSITY OF ILLINOIS TEACHER-EDUCATION DEGREES MUST COMPLETE EDUCATIONAL PRACTICE AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN. EDUCATIONAL PRACTICE IS A PART OF THE PROFESSIONAL SEMESTER AND IS GENERALLY TAKEN DURING EITHER THE FALL OR SPRING SEMESTER OF THE DEGREE CANDIDATE'S SENIOR YEAR.

EDUCATIONAL PRACTICE IS UNDER THE GENERAL SUPERVISION OF THE ILLINOIS TEACHING EXPERIENCES LABORATORY. HOWEVER, THE FOLLOWING SEPARATE OFFICES OF STUDENT TEACHING HAVE DEVELOPED SPECIFIC REQUIREMENTS FOR THEIR STUDENTS:

SECONDARY EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242. PHYS. ED. WOMEN ALSO ENROLL IN ED. PR. 238, SECTION D. MUSIC CANDIDATES ALSO ENROLL IN ED. PR. 238, SECTION V. SPEECH CORRECTION CANDIDATES ENROLL IN ED. PR. 220, SECTION B. STUDENTS WISHING TO ENROLL IN THE LIBRARY SCIENCE SECTION OF ED. PR. 242 AS WELL AS IN THEIR TEACHING MAJOR MUST FILE APPLICATIONS WITH THE HEAD SUPERVISOR OF EACH FIELD.

ELEMENTARY EDUCATION--CANDIDATES ENROLL IN ED. PR. 232. SECTION A.

SPECIAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220. CANDIDATE PURSUING A DEGREE IN SPECIAL EDUCATION MUST ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 220 AND IN ED. PR. 232, SECTION B.

VOCATIONAL AND TECHNICAL EDUCATION--CANDIDATES ENROLL IN THE APPROPRIATE SECTION OF ED. PR. 242 EXCEPT AGRICULTURAL EDUCATION DEGREE CANDIDATES WHO ENROLL IN VOTEC. 276.

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ED PR 196      UNDERGRADUATE OPEN SEMINAR.
        *MAY BE REPEATED.
        *2 TO 9 HOURS.
      02196      CONF              ARR


ED PR 220      EDUCATIONAL PRACTICE IN THE EDUCATION OF EXCEPTIONAL CHILDREN.
        PREREQUISITE: SENIOR STANDING. CONSENT OF DEPARTMENT.
        2 TO 5 HOURS.
        *SECTION A--MENTALLY RETARDED.  2 HOURS
        *SECTION B--SPEECH CORRECTION.  STUDENTS WHO HAVE NOT COMPLETED
        SP. ED. 324 MUST ENROLL IN IT DURING THEIR STUDENT-TEACHING
        SEMESTER.  5 HOURS.
        *SECTION C--MENTALLY RETARDED.  5 HOURS.
        *SECTION D1--DEAF.  4 HOURS.
        *SECTION D2--DEAF.  5 HOURS.
        SECTION E2--EMOTIONALLY DISTURBED.
        SECTION G--HANDICAPPED AND DISADVANTAGED.
      02197      PRACT     *A      ARR
      02198      PRACT     *B      ARR
      02199      PRACT     *C      ARR
      02200      PRACT     *D1     ARR
      02201      PRACT     *D2     ARR
      02202      PRACT      E2     ARR
      02203      PRACT      G      ARR


ED PR 232      EDUCATIONAL PRACTICE IN ELEMENTARY EDUCATION.
        PREREQUISITE: EL. ED. 233. EL. ED. 237. AND SENIOR STANDING.
        2 TO 5 HOURS.
        *SECTION A IS FOR STUDENTS IN GENERAL ELEMENTARY CURRICULUM.
        5 HOURS
        *SECTION B IS FOR STUDENTS IN EXCEPTIONAL CHILDREN CURRICULA.
        3 HOURS.
        MUST BE TAKEN CONCURRENTLY WITH EL. ED. 230.
      02204      PRACT     *A      ARR
      02205      PRACT     *B      ARR


ED PR 238      EDUCATIONAL PRACTICE FOR SPECIAL FIELDS IN ELEMENTARY SCHOOLS.
        PREREQUISITE: FOR STUDENTS IN THE EARLY CHILDHOOD CURRICULUM.
        EL. ED. 334 IS REQUIRED: CONSENT OF INSTRUCTOR.
        3 OR 4 HOURS.
        3 HOURS          A  P.E. FOR MEN. REQUIRES REGISTRATION IN SE. ED.
                            241. SECTION A AND ED. PR. 242. SECTION A.
        3 OR 4 HOURS     D  P.E. FOR WOMEN. REQUIRES REGISTRATION IN SE.
                            ED. 241. SECTION D AND ED. PR. 242. SECTION D.
        3 HOURS          E  EARLY CHILDHOOD EDUCATION.
        4 HOURS          K  ART REQUIRES REGISTRATION IN ED. PR. 242
                            SECTION K.
        3 HOURS          V  MUSIC. REQUIRES REGISTRATION IN SE. ED. 241.
                            SECTION V. AND ED. PR. 242. SECTION V.
        3 HOURS          Y  LIBRARY SCIENCE. REQUIRES REGISTRATION IN
                            SE. ED. 241. AND ED. PR. 242. SECTION 4.
                            OR EL. ED. 333 AND ED. PR. 232.
      02206      PRACT      A      ARR
      02207      PRACT      D      ARR
      02208      PRACT      E      ARR
      02209      PRACT      K      ARR
      02210      PRACT      V      ARR
      02211      PRACT      Y      ARR
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ED PR 242      EDUCATIONAL PRACTICE IN SECONDARY EDUCATION.
         PREREQUISITE: SE. ED. 240 AND SENIOR STANDING.
         2 TO 5 HOURS.
         2 OR 5 HOURS     A  P.E. FOR MEN, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTION A.
         2 OR 5 HOURS     C  HEALTH EDUCATION, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTION A.
         3 OR 5 HOURS     D  P. E. FOR WOMEN, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTION D.
         3 OR 5 HOURS     F  BIOLOGY, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTION F.
         3 OR 5 HOURS     G  CHEMISTRY, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTION F.
         3 OR 5 HOURS     H  GENERAL SCIENCE, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTIONS F1 OR F2.
         3 OR 5 HOURS     I  PHYSICS, REQUIRES REGISTRATION IN SE. ED. 241
                             SECTION F.
         3 OR 5 HOURS     J  SOCIAL STUDIES, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTIONS J1, J2, OR J3.
         3 OR 5 HOURS     K  ART, REQUIRES REGISTRATION IN ED. PR. 238
                             SECTION K.
         3 OR 5 HOURS     L  ENGLISH, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS L1, L2, L3, L4, L5 OR L6.
         3 OR 5 HOURS     M  SPEECH, REQUIRES REGISTRATION IN SE. ED. 247.
         3 OR 5 HOURS     N  FRENCH, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS N1, N2, OR N3.
         3 OR 5 HOURS     O  LATIN, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS N1, N2, OR N3.
         3 OR 5 HOURS     P  SPANISH, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS N1, N2, OR N3.
         3 OR 5 HOURS     Q  GERMAN, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS N1, N2, OR N3.
         5 HOURS          R  HOME ECONOMICS, REQUIRES REGISTRATION IN
                             SE. ED. 241, HOME ECONOMICS SECTION R.
         3 HOURS          S  INDUSTRIAL EDUCATION, REQUIRES REGISTRATION
                             IN SE. ED. 241, INDUSTRIAL EDUCATION SECTION S.
         3 OR 5 HOURS     T  MATH, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTION T1 OR T2.
         3 HOURS          V  MUSIC, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS V1 OR V2.
         5 HOURS          W  BUSINESS EDUCATION, REQUIRES REGISTRATION IN
                             SE. ED. 241, SECTION W.
         3 OR 5 HOURS     X  RUSSIAN, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTIONS N1, N2, OR N3.
         3 OR 5 HOURS     Y  LIBRARY SCIENCE, REQUIRES REGISTRATION IN
                             SE. ED. 241.
         5 HOURS          DD DANCE, REQUIRES REGISTRATION IN SE. ED. 241,
                             SECTION DD.
         3 OR 5 HOURS     TT JUNIOR COLLEGE MATHEMATICS.
      02212      PRACT      A      ARR
      02213      PRACT      C      ARR
      02214      PRACT      D      ARR
      02215      PRACT      F      ARR
      02216      PRACT      G      ARR
      02217      PRACT      H      ARR
      02218      PRACT      I      ARR
      02219      PRACT      J      ARR
      02220      PRACT      K      ARR
      02221      PRACT      L      ARR
      02222      PRACT      M      ARR
      02223      PRACT      N      ARR
      02224      PRACT      O      ARR
      02225      PRACT      P      ARR
      02226      PRACT      Q      ARR
      02227      PRACT      R      ARR
      02228      PRACT      S      ARR
      02229      PRACT      T1     ARR
      02230      PRACT      T2     ARR
      02231      PRACT      V      ARR
      02232      PRACT      W      ARR
      02233      PRACT      X      ARR
      02234      PRACT      Y      ARR
      02235      PRACT      DD     ARR
      02236      PRACT      TT     ARR


ED PR 250      SCHOOL AND COMMUNITY EXPERIENCES.
         2 HOURS.
         *SECTION TT: JUNIOR COLLEGE MATH.
      02237      PRACT      TT     ARR
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DEPARTMENT OFFICE EDUCATION BUILDING

EDPSY 211 EDUCATIONAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100.
3 HOURS.
*OPEN ONLY TO STUDENTS REGISTERED FOR STUDENT TEACHING. SECTIONS WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD. PRIORITY GIVEN TO STUDENTS ENROLLED IN TEACHER EDUCATION PROGRAMS. STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF 2 HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

02238	LECT-DISC	A	8	M W F	137	ARMORY	
02246	LECT-DISC	*A1	8	MTUWTHF	162	EDUC	
02239	LECT-DISC	B	9	M W F	166	EDUC	
02247	LECT-DISC	*B1	9	MTUWTHF	162	EDUC	
02248	LECT-DISC	*B2	9	MTUWTHF	151	ARMORY	
02240	LECT-DISC	B3	9	M W F	206	D K H	
02241	LECT-DISC	C	10	M W F	150	ARMORY	
02249	LECT-DISC	*C1	10	MTUWTHF	162	EDUC	
02242	LECT-DISC	D	11	M W F	150	ARMORY	
02243	LECT-DISC	D1	11	M W F	151	ARMORY	
02250	LECT-DISC	*D2	11	MTUWTHF	162	EDUC	
02251	LECT-DISC	*D3	11	MTUWTHF	243	ARMORY	
02252	LECT-DISC	*X	12	MTUWTHF	162	EDUC	
02244	LECT-DISC	E	1	M W F	153	ARMORY	
02253	LECT-DISC	*E1	1	MTUWTHF	137	ARMORY	
02245	LECT-DISC	F	2	M W F	153	ARMORY	

EDPSY 236 CHILD DEVELOPMENT FOR ELEMENTARY TEACHERS.
PREREQUISITE: PSYCH. 100.
3 HOURS.
STUDENTS WILL BE REQUIRED UPON REQUEST TO PARTICIPATE IN A TOTAL OF TWO HOURS OF EXPERIMENTS OUTSIDE OF CLASS.

02254	LECT-DISC	B1	9	M W F	19	D K H
02255	LECT-DISC	B2	9	M W F	21	D K H
02256	LECT-DISC	C1	10	M W F	19	D K H
02257	LECT-DISC	C2	10	M W F	21	D K H
02258	LECT-DISC	D	11	M W F	19	D K H
02259	LECT-DISC	X	12	M W F	192	EDUC
02260	LECT-DISC	E	1	M W F	19	D K H

EDPSY 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

02261	CONF	ARR

EDPSY 291 THESIS.
PREREQUISITE: SENIOR STANDING
2 HOURS.

02262	CONF	ARR

EDPSY 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

02263	CONF	ARR

EDPSY 311 PSYCHOLOGY OF LEARNING FOR TEACHERS.
PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT.
*SECTION A1 IS RECOMMENDED FOR STUDENTS IN CROSS CULTURAL EDUCATION

02264	LECT-DISC	A	1-3	M	166	EDUC	BLAIR
02269	LECT-DISC	*A1	4-6	M	1	EDUC	SIMPSON
02265	LECT-DISC	B	1-3	TU	33	EDUC	ASHER
02266	LECT-DISC	C1	4-6	W	192	EDUC	MENGES
02267	LECT-DISC	C2	7-9PM	W	2	EDUC	JONES
02268	LECT-DISC	D	4-6	TH	162	EDUC	WEST

EDPSY 312 MENTAL HYGIENE AND THE SCHOOL.
PREREQUISITE: PRACTICE TEACHING OR TEACHING EXPERIENCE, AND ED. PSY. 211.
2 HOURS OR 1/2 UNIT.

08620	LECT-DISC	A	1-3	M	162	EDUC	COHEN
02270	LECT-DISC	B	4-6	TU	162	EDUC	LONG
02271	LECT-DISC	C	1-3	W	166	EDUC	MASUCCI
02272	LECT-DISC	C1	7-9PM	W	162	EDUC	FERENCE
02273	LECT-DISC	D1	1-3	TH	2	EDUC	JONES
02274	LECT-DISC	D2	7-9PM	TH	192	EDUC	LONG

EDPSY 339 CORRECTIVE READING.
SAME AS EL. ED. 339.
PREREQUISITE: EL. ED. 336 OR 338.
3 HOURS OR 1 UNIT.
MUST REGISTER IN ADVANCE WITH READING CLINIC DIRECTOR IN 1C EDUCATION AND ENROLL IN ASSIGNED SECTION.

02275	LECT-DISC	A	4-6	TU	10	EDUC	
02276	LECT-DISC	B	4-6	W	10	EDUC	
02277	LECT-DISC	C	4-6	TH	10	EDUC	

EDPSY 343 INDIVIDUAL INTELLIGENCE TESTING.
PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX HOURS OF PSYCHOLOGY AND SP. ED. 324. OR EDPSY. 392 OR PSYCH. 390.
3 HOURS OR 1 UNIT.
*LABORATORY HOURS TO BE ARRANGED.

02278	LECT-DISC	A	*3-5	TU TH	125	E P G B	FERENCE
02279	LECT-DISC	B	*10-12	M W	125	E P G B	MCGUIRE

EDPSY 390 ELEMENTS OF EDUCATIONAL STATISTICS.
3 HOURS OR 1 UNIT.
*SECTION X IS FOR STUDENTS AT THE MEDICAL CENTER.

02280	LECT-DISC	A	4-6	M W	143	ARMORY	CHADBOURN
02281	LECT-DISC	B	1-3	TU TH	162	EDUC	MENDRO
02282	LECT-DISC	C	1-3	M W	113	D K H	
02283	LECT-DISC	*X	ARR				

EDPSY 391 CONSTRUCTION AND USE OF TESTS IN TEACHING.
PREREQUISITE: ED. PSY. 211 OR 236.
4 HOURS OR 1 UNIT.

02284	LECT-DISC		4-6	TU	166	COM W	GRONLUND

EDPSY 392 INTRODUCTION TO THE PRINCIPLES OF MEASUREMENT.
PREREQUISITE: ED. PSY. 211 OR 236.
4 HOURS OR 1 UNIT.

02285	LECT-DISC		4-6	W	162	EDUC	GRONLUND

EDPSY 411 PSYCHOLOGY OF ADOLESCENCE FOR TEACHERS.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.

02286	LECT-DISC	A	4-6	W	166	EDUC	BLAIR
02287	LECT-DISC	B	1-3	TH	166	EDUC	WEST

EDPSY 412 ADVANCED CHILD DEVELOPMENT FOR STUDENTS OF EDUCATION.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.

02288	LECT-DISC	A	1-3	TU	28	EDUC	COHEN
02289	LECT-DISC	B	1-3	TH	1	EDUC	GOULET

EDPSY 413 SOCIAL PSYCHOLOGY AND THE PROBLEMS OF EDUCATION.
PREREQUISITE: ED. PSY. 311, 312 AND 390.
1 UNIT.

02290	LECT-DISC		1-3	TU	1	EDUC	SIMPSON

EDPSY 415 PSYCHOLOGICAL THEORIES APPLIED TO EDUCATION.
PREREQUISITE: ED. PSY. 311 AND 312, 411 OR 412, CANDIDACY FOR ED. D. OR PH. D. IN EDUCATION.
1 UNIT.

02291	LECT-DISC	A	1-3	TU	385	EDUC	JONES
02292	LECT-DISC	B	1-3	TH	385	EDUC	BLAIR

EDPSY 422 BASIC PRINCIPLES OF COUNSELING.
PREREQUISITE: ED. PSY. 311 AND 312.
1 UNIT.
*LABORATORY HOURS TO BE ARRANGED.

02293	LECT-DISC		*9-11	TU		166	EDUC	DELANEY

EDPSY 423 THE USE OF TESTS IN GUIDANCE.
PREREQUISITE: ED. PSY. 390. 392 AND 422 OR EQUIVALENTS.
1 UNIT.

02294	LECT-DISC		1-3	W		162	EDUC	KACZKOWSKI

EDPSY 424 SUPERVISED PRACTICE IN EDUCATIONAL PSYCHOLOGY.
PREREQUISITE: MASTERS DEGREE IN EDUCATIONAL PSYCHOLOGY OR
EQUIVALENT: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

02295	CONF	A	9-11	TU	F	6	COM W	MOSES
02296	CONF	B	9-11	TU		91	COM W	PHILLIPS
		B	9-11		F	6	COM W	
02297	CONF	C	9-11	M		6	COM W	FERENCE
		C	9-11		F	6	COM W	
02298	CONF	D	ARR					MCGUIRE

EDPSY 425 PRINCIPLES AND PRACTICES OF STUDENT PERSONNEL SERVICES.
*CREDIT IS NOT GIVEN IN BOTH ED. PSY. 325 AND 425.
*1 UNIT.

02299	LECT-DISC		1-3	TH		192	EDUC	PATTERSON

EDPSY 427 PRINCIPLES AND TECHNIQUES OF GROUP GUIDANCE.
PREREQUISITE: ED. PSY. 311. 312. 422. 423. AND EITHER 325 OR 425.
OR CONSENT OF INSTRUCTOR.
1 UNIT.

02300	LECT-DISC	A	1-3	TH		28	EDUC	MASUCCI

EDPSY 428 THEORIES OF CAREER DEVELOPEMNT AND THE USE OF OCCUPATIONAL
MATION.
PREREQUISITE: ED. PSY. 425 OR AN INTRODUCTORY COURSE IN COUNSELING.
1 UNIT.

02301	LECT-DISC		4-6	TU		36	COM W	ZACCARIA

EDPSY 429 FIELD INSTRUCTION IN COUNSELING.
PREREQUISITE: ED. PSY. 422 AND 424 (WITH CONSENT OF INSTRUCTOR.
REGISTRATION IN ED. PSY. 424 MAY BE CONCURRENT).
1 OR 2 UNITS.

02302	CONF		ARR					STAFF

EDPSY 444 SOCIO CULTURAL INFLUENCES ON LEARNING AND DEVELOPMENT.
PREREQUISITE: EDPSY. 311: 312: 390: OR CONSENT OF INSTRUCTOR.
1 UNIT.

02303	LECT-DISC		3-5	TH		385	EDUC	MAEHR

EDPSY 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE
DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

02304	CONF	A	ARR					STAFF
02305	CONF	B	ARR					STAFF

EDPSY 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY
IN EDUCATIONAL PSYCHOLOGY.
0 TO 2 UNITS.
*SECTION A TOPIC: GROUP COUNSELING.
*SECTION C AND D TOPIC: COUNSELING THEORY.
*SECTION E TOPIC: PERSONALITY ASSESSMENT.
SECTION F TOPIC: SCHOOL PSYCHOLOGY.
SECTION G TOPIC: CLASS ROOM TRANSACTIONS AND STUDENT OUTCOMES.
SECTION H TOPIC: COMPUTER USES IN EDUCATION.
SECTION I TOPIC: HUMAN DEVELOPMENT.

02307	LECT-DISC	*A	10-12	W		6	COM W	KACZKOWSKI
02308	LECT-DISC	*C	ARR					PATTERSON

EDPSY 490 CONTINUED

02309	LECT-DISC	*D	ARR					PATTERSON
02310	LECT-DISC	*E	ARR					DELANEY
02311	LECT-DISC	F	ARR					MCGUIRE
02312	LECT-DISC	G	4-6	TU		6	COM W	ROSENSHINE
02313	LECT-DISC	H	10-12	TH		242	EDUC	CHADBOURN
02306	LECT-DISC	I	ARR					ASHER

EDPSY 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

02314	LECT-DISC	A	1-3	W		6	COM W	DELANEY
02315	LECT-DISC	B	10-12	TH		91	COM W	PATTERSON
02316	CONF	C	ARR					TATSUOKA

EDPSY 492 PSYCHOLOGY OF LEARNING AND INSTRUCTION.
SAME AS PSYCH. 492.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

02317	LECT-DISC	10-12	TU	149	ADMIN	MONTAGUE

EDPSY 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
SAME AS PSYCH. AND SOC. 494.
PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, CONSENT OF INSTRUCTOR.
1 UNIT.

02318	LECT	1-3	TU	2	EDUC	TATSUOKA

EDPSY 495 THEORY OF MEASUREMENT.
SAME AS PSYCH. 495.
PREREQUISITE: ED. PSY. 496 OR PSYCH. 307, OR EQUIVALENT
ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.
1 UNIT.

02319	LECT-DISC	3-5	M W	150	ARMORY	WARDROP

EDPSY 496 STATISTICAL METHODS IN EDUCATION.
PREREQUISITE: ED. PSY. 390.
1 UNIT.
*LABORATORY HOURS TO BE ARRANGED.

02320	LECT-DISC	A	*1-3	M W	15	D K H	MENDRO
02321	LECT-DISC	B	*1-3	TU TH	15	D K H	

EDPSY 499 THESIS RESEARCH.
0 TO 4 UNITS.

02322	CONF	ARR	STAFF

DEPARTMENT OFFICE 155 E E B

E E 114 WIRING AND ILLUMINATION.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF INSTRUCTOR.
*ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS.

02323	LECT	C	10	M W F	151	E E B

E E 220 BASIC ELECTRICAL ENGINEERING.
PREREQUISITE: PHYCS. 106 AND 107. AND MATH. 141.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260. ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*3 HOURS.

02324	DISC	D1	11	M W F	57	E E B
02325	DISC	X1	12	M W F	57	E E B
02326	DISC	X2	12	M W F	59	E E B
02327	DISC	M1	9-1020	TU TH	57	E E B
02328	DISC	P1	1030-12	TU TH	57	E E B
02329	DISC	R1	1-220	TU TH	250	E E B
02330	DISC	R2	1-220	TU TH	57	E E B
02331	DISC	T1	230-4	TU TH	57	E E B

E E 229 INTRODUCTION TO ELECTROMAGNETIC FIELDS.
PREREQUISITE: PHYCS. 107 AND MATH. 345.
3 HOURS.
*SECTION &B IS AN HONORS SECTION.

02332	DISC	A1	8	M W F	170	E E B
02338	DISC	*&B	9	M W F	170	E E B
02333	DISC	X1	12	M W F	250	E E B
02334	DISC	E1	1	M W F	170	E E B
02335	DISC	G1	3	M W F	269	E E B
02336	DISC	G2	3	M W F	57	E E B
02337	DISC	H1	4	M W F	170	E E B

E E 230 APPLICATION AND CONTROL OF MOTORS AND EQUIPMENT.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

02339	DISC	L1	8	TU TH	57	E E B
02340	DISC	R1	1	TU TH	169	E E B

E E 231 POWER EQUIPMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 230.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.
STUDENTS MUST REGISTER IN LECTURE AND ANY ONE LAB.

02341	LECT	A	9	TH	269	E E B
02342	LAB	M1	9-11	TU	50E	E E B
02343	LAB	S1	2-4	TU	50E	E E B
02344	LAB	U1	4-6	TU	50E	E E B
02345	LAB	S2	10-12	TH	50E	E E B
02346	LAB	U2	2-4	TH	50E	E E B

E E 232 ELECTRONICS AND ELECTRONICS APPLICATIONS.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

02347	DISC	L1	8	TU TH	269	E E B

E E 233 ELECTRONICS LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 232.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.

02348	LAB	L	3-6	M	236	E E B
02349	LAB	M	9-12	TU	236	E E B
02350	LAB	N	3-6	TU	236	E E B
02351	LAB	O	3-6	W	236	E E B
02352	LAB	P	9-12	TH	236	E E B
02353	LAB	Q	3-6	TH	236	E E B

E E 234 ELECTRICAL INSTRUMENTS AND MEASUREMENTS.
PREREQUISITE: E. E. 220.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*2 HOURS.

02354	DISC	L1	8	TU TH	169	E E	B
02355	DISC	S1	2	TU TH	169	E E	B

E E 235 ELECTRICAL MEASUREMENT LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 234.
*ELECTRICAL ENGINEERING STUDENTS RECEIVE NO CREDIT.
*1 HOUR.

02356	LAB	L	9-12	TU	50J	E E	B
02357	LAB	M	3-6	TU	50J	E E	B
02358	LAB	N	9-12	TH	50J	E E	B

E E 244 ELECTRICAL ENGINEERING LABORATORY. I.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 260.
2 HOURS.

02359	LECT	A1	8	TU TH	151	E E	B
	LAB	A1	9-11	TU	50L	E E	B
02360	LECT	A2	8	TU TH	151	E E	B
	LAB	A2	1-3	TU	50L	E E	B
02361	LECT	A3	8	TU TH	151	E E	B
	LAB	A3	1-3	W	50L	E E	B
02362	LECT	C1	10	TU TH	269	E E	B
	LAB	C1	11-1	TH	50L	E E	B
02363	LECT	C2	10	TU TH	269	E E	B
	LAB	C2	3-5	TH	50L	E E	B
02364	LECT	C3	10	TU TH	269	E E	B
	LAB	C3	3-5	F	50L	E E	B
02365	LECT	D1	11	TU TH	269	E E	B
	LAB	D1	9-11	TH	50L	E E	B
02366	LECT	D2	11	TU TH	269	E E	B
	LAB	D2	1-3	TH	50L	E E	B
02367	LECT	D3	11	TU TH	269	E E	B
	LAB	D3	1-3	F	50L	E E	B
02368	LECT	F1	2	TU TH	141	E E	B
	LAB	F1	11-1	TU	50L	E E	B
02369	LECT	F2	2	TU TH	141	E E	B
	LAB	F2	3-5	TU	50L	E E	B
02370	LECT	F3	2	TU TH	141	E E	B
	LAB	F3	3-5	W	50L	E E	B

E E 246 PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN ELECTRICAL ENGINEERING AND CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
*SECTION P IS INTEGRATED CIRCUIT PROJECTS FOR 2 HOURS CREDIT.

02371	LAB	*P	3-5	TH	50M	E E	B

E E 249 DIGITAL SYSTEMS LABORATORY.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E./C. S./MATH. 391 OR E. E./C. S. 294.
2 HOURS.

02372	LECT	A1	1	TU TH	141	E E	B
	LAB	A1	3-5	M	268	K E	B
02373	LECT	A2	1	TU TH	141	E E	B
	LAB	A2	7-9PM	TU	268	E E	B
02374	LECT	A3	1	TU TH	141	E E	B
	LAB	A3	3-5	W	268	E E	B
02375	LECT	B1	3	TU TH	141	E E	B
	LAB	B1	7-9PM	TH	268	E E	B
02376	LECT	B2	3	TU TH	141	E E	B
	LAB	B2	3-5	F	268	E E	B

E E 260 NETWORKS, I.
PREREQUISITE: PHYCS. 107: CREDIT OR REGISTRATION IN C. S. 101, E. E. 251, AND MATH. 345.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 220 AND 260.
*3 HOURS.
SECTION &C IS AN HONORS SECTION.

02377	DISC	A1	8	M	W	F	141	E E B	
02378	DISC	B1	9	M	W	F	141	E E B	
02379	DISC	B2	9	M	W	F	254	E E B	
02386	DISC	&C	10	M	W	F	257	E E B	
02380	DISC	D1	11	M	W	F	59	E E B	
02381	DISC	X1	12	M	W	F	141	E E B	
02382	DISC	X2	12	M	W	F	169	E E B	
02383	DISC	E1	1	M	W	F	59	E E B	
02384	DISC	M1	9-1020	TU TH			59	E E B	
02385	DISC	P1	1030-12	TU TH			170	E E B	

E E 262 NETWORKS, II.
PREREQUISITE: E. E. 260, MATH. 345, AND C. S. 101.
3 HOURS.

02387	DISC	A1	8	M	W	F	250	E E B	
02388	DISC	C1	10	M	W	F	250	E E B	
02389	DISC	D1	11	M	W	F	269	E E B	
02390	DISC	D2	11	M	W	F	250	E E B	
02391	DISC	H1	4	M	W	F	269	E E E	
02392	DISC	H2	4	M	W	F	250	E E B	
02393	DISC	X1	12	M	W	F	335	E E B	

E E 271 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS.
*SECTION A1: LIGHTING AND WIRING DESIGN FOR 3 HOURS CREDIT.
*SECTION B1: ANTENNAS AND ANTENNA SYSTEMS FOR 3 HOURS CREDIT.
*SECTION C1: INTRODUCTION TO OPTIMIZATION FOR 3 HOURS CREDIT.
*SECTION D1: BEHAVIOR AND CONTROL OF CHARGED MACROSCOPIC PARTICLES FOR 3 HOURS CREDIT.
*SECTION E1: HYBRID CIRCUIT FABRICATION FOR 1 HOUR CREDIT.
SECTION G2: ACTIVE AND NONLINEAR WAVE PHENOMENA IN ELECTRONICS FOR 3 HOURS CREDIT.
SECTION H1: SOLID STATE MOTOR DRIVE SYSTEMS FOR 3 HOURS CREDIT.

02394	DISC	*A1	10-1120	TU TH			169	E E B		PEIRCE
02395	DISC	*B1	830-10	TU TH			257	E E B		MAST
02396	DISC	*C1	10	M	W	F	170	E E B		KOKOTOVIC
02397	DISC	*D1	9	TU TH			250	E E B		HENDRICKS
02398	DISC	*E1	2-5		W		133	E E B		ANNER
02399	DISC	G2	2	M	W	F	257	E E B		LIU
02400	DISC	H1	4	M	W	F	57	E E B		BURTNESS

E E 272 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: APPROVED WRITTEN APPLICATION TO DEPARTMENT.
0 TO 4 HOURS.

02401	CONF	K1	ARR
02402	CONF	K2	ARR
02403	CONF	K3	ARR

E E 288 ECONOMIC ASPECTS OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS.

02404	DISC	B1	9	M	W	F	59	E E B	
02405	DISC	G1	3	M	W	F	59	E E B	
02406	DISC	H1	4	M	W	F	59	E E B	

E E 290 INTRODUCTION TO INFORMATION PROCESSING.
PREREQUISITE: C. S. 101 AND CREDIT OR REGISTRATION IN MATH. 345.
3 HOURS.

02407	LECT	S	2-320	TU TH			269	E E B	
02408	LECT	P	1030-12	TU TH			141	E E B	

E E 294 INTRODUCTION TO THE THEORY OF DIGITAL MACHINES.
SAME AS C. S. 294.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING OR MATHEMATICS.
3 HOURS.

02409	LECT	S1	2-320	TU TH			100	M M B	FAIMAN

E E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING: CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

02410	CONF	&K1	ARR							
02411	CONF	&K2	ARR							

E E 299 THESIS.
0 TO 3 HOURS.

02412	CONF	K	ARR							

E E 310 SYSTEMS. I.
PREREQUISITE: E. E. 262.
3 HOURS. OR 0 TO 3/4 UNIT.
*SECTION &D IS AN HONORS SECTION.

02413	DISC	A1	8	M	W	F	260	E	E	B
02414	DISC	B1	9	M	W	F	260	E	E	B
02415	DISC	D1	11	M	W	F	170	E	E	B
02416	DISC	F1	2	M	W	F	269	E	E	B
02417	DISC	F2	2	M	W	F	250	E	E	B
02418	DISC	G1	3	M	W	F	141	E	E	B
02419	DISC	G2	3	M	W	F	170	E	E	B
02420	DISC	*&D	11	M	W	F	260	E	E	B

E E 321 INTRODUCTION TO CONTROLLED THERMONUCLEAR FUSION.
SAME AS NUC. E. 321.
PREREQUISITE: SENIOR OR GRADUATE STANDING: OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

02421	LECT		11	M	W	F	203	N	E	L

E F 323 CIRCUIT LABORATORY.
PREREQUISITE: E. E. 251 AND 262: CREDIT OR REGISTRATION IN E. E. 350.
1 HOUR. OR 0 OR 1/4 UNIT.

02422	LAB	L	3-6	M			132	E	E	B
02423	LAB	M	9-12	TU			132	E	E	B
02424	LAB	N	12-3	TU			132	E	E	B
02425	LAB	O	3-6	TU			132	E	E	B
02426	LAB	P	3-6		W		132	E	E	B
02427	LAB	Q	9-12			TH	132	E	E	B
02428	LAB	R	12-3			TH	132	E	E	B
02429	LAB	S	3-6			TH	132	E	E	B

E E 324 INTRODUCTION TO NETWORK SYNTHESIS.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 310.
3 HOURS. OR 0 TO 1 UNIT.

02430	DISC	D1	11	M	W	F	254	E	E	B

E F 330 ELECTROMECHANICS.
PREREQUISITE: E. E. 229 AND 260.
3 HOURS. OR 0 TO 1 UNIT.

02431	DISC	B1	9	M	W	F	257	E	E	B
02432	DISC	X1	12	M	W	F	260	E	E	B
02433	DISC	E1	1	M	W	F	269	E	E	B
02434	DISC	E2	1	M	W	F	257	E	E	B
02435	DISC	G1	3	M	W	F	169	E	E	B
02436	DISC	HI	4	M	W	F	141	E	E	B

E F 331 MAGNETIC CIRCUITS AND TRANSFORMER LABORATORY.
PREREQUISITE: E. E. 251: CREDIT OR REGISTRATION IN E. E. 330.
1 HOUR. OR 0 OR 1/4 UNIT.

02437	LAB	L	9-12	TU			50K	E	E	B
02438	LAB	M	12-3	TU			50K	E	E	B
02439	LAB	N	3-6	TU			50K	E	E	B
02440	LAB	O	3-6		W		50K	E	E	B
02441	LAB	P	9-12			TH	50K	E	E	B
02442	LAB	Q	12-3			TH	50K	E	E	B
02443	LAB	R	3-6			TH	50K	E	E	B

E E 336 ADVANCED ANALYSIS OF ELECTRIC POWER EQUIPMENT.
PREREQUISITE: E. E. 330 AND 331.
4 HOURS. OR 0 OR 1 UNIT.

02444	DISC	C	10	M	W	F	169	E	E	B

E E 340 ELECTRONICS. I.
PREREQUISITE: PHYCS. 108 AND E. E. 260.
3 HOURS. OR 0 OR 3/4 UNIT.

02445	DISC	B1	9	M	W	F	269	E	E	B
02446	DISC	B2	9	M	W	F	250	E	E	B
02447	DISC	X1	12	M	W	F	170	E	E	B
02448	DISC	F1	1	M	W	F	260	E	E	B
02449	DISC	G1	3	M	W	F	260	E	E	B
02450	DISC	H1	4	M	W	F	260	E	E	B

E E 341 ELECTRONICS EXPERIMENTATION.
PREREQUISITE: E. E. 251. CREDIT OR REGISTRATION IN E. E. 340.
1 HOUR. OR 0 OR 1/4 UNIT.
STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB.

02451	LECT	A	8	TU			141	E	E	B
02452	LECT	B	1	TU			269	E	E	B
02453	LAB	L	10-12	TU			235	E	E	B
02454	LAB	M	2-4	TU			235	E	E	B
02455	LAB	N	4-6	TU			235	E	E	B
02456	LAB	O	4-6		W		235	E	E	B
02457	LAB	P	8-10			TH	235	E	E	B
02458	LAB	Q	10-12			TH	235	E	E	B
02459	LAB	R	12-2			TH	235	E	E	B
02460	LAB	S	2-4			TH	235	E	E	B
02461	LAB	T	4-6			TH	235	E	E	B

E E 342 ADVANCED ELECTRONICS.
PREREQUISITE: E. E. 262, 340, AND 341.
3 HOURS. OR 0 OR 3/4 UNIT.
*SECTION &C IS AN HONORS SECTION.

02462	DISC	A1	8	M	W	F	257	E	E	B
02463	DISC	C1	10	M	W	F	141	E	E	B
02469	DISC	*&C	10	M	W	F	59	E	E	B
02464	DISC	D1	11	M	W	F	257	E	E	B
02465	DISC	X1	12	M	W	F	269	E	E	B
02466	DISC	X2	12	M	W	F	257	E	E	B
02467	DISC	G1	3	M	W	F	257	E	E	B
02468	DISC	H1	4	M	W	F	257	E	E	B

E E 343 ELECTRONICS LABORATORY
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 342.
1 HOUR. OR 0 OR 1/4 UNIT.

02470	LAB	L	3-6	M			238	E	E	B
02471	LAB	M	9-12	TU			238	E	E	B
02472	LAB	N	12-3	TU			238	E	E	B
02473	LAB	O	3-6	TU			238	E	E	B
02474	LAB	P	7-10PM	TU			238	E	E	B
02475	LAB	Q	3-6		W		238	E	E	B
02476	LAB	R	7-10PM		W		238	E	E	B
02477	LAB	S	9-12			TH	238	E	E	B
02478	LAB	T	12-3			TH	238	E	E	B
02479	LAB	U	3-6			TH	238	E	E	B
02480	LAB	V	7-10PM			TH	238	E	E	B

E E 344 THEORY AND FABRICATION OF SOLID STATE DEVICES.
PREREQUISITE: E. E. 340.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISC. AND IN ONE LAB.

02481	DISC	A1	8	M	W	F	59	E	E	B
02482	DISC	F1	1	M	W	F	250	E	E	B
02483	LAB	M	2-5	M			133	E	E	B
02484	LAB	N	9-12		TU		133	E	E	B
02485	LAB	O	2-5		TU		133	E	E	B
02486	LAB	P	9-12			TH	133	E	E	B
02487	LAB	Q	2-5			TH	133	E	E	B

E E 350 LINES. FIELDS. AND WAVES.
PREREQUISITE: E. E. 229 AND 262.
3 HOURS OR 3/4 UNIT.
*SECTION &B IS AN HONORS SECTION.

02488	DISC	A1	8	M	W	F	269	E	E	B
02489	DISC	A2	8	M	W	F	254	E	E	B
02490	DISC	C1	10	M	W	F	254	E	E	B
02494	DISC	*&B	2	M	W	F	254	E	E	B
02491	DISC	G1	3	M	W	F	254	E	E	B
02492	DISC	H1	4	M	W	F	254	E	E	B
02493	DISC	X1	12	M	W	F	254	E	E	B

E E 352 ELECTROMAGNETIC FIELDS.
PREREQUISITE: E. E. 350.
3 HOURS OR 3/4 UNIT.

02495	DISC	B1	9	M	W	F	57	E	E	B
02496	DISC	C1	10	M	W	F	57	E	E	E
02497	DISC	E1	2	M	W	F	141	E	E	B
02498	DISC	E2	2	M	W	F	57	E	E	B
02499	DISC	G1	3	M	W	F	250	E	E	B

E E 352 RADIO CIRCUITS.
PREREQUISITE: E. E. 341: CREDIT OR REGISTRATION IN E. E. 310.
4 HOURS. OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

02500	DISC	C1	10	M	W	F	260	E	E	B
02501	DISC	F1	2	M	W	F	260	E	E	B
02502	LAB	L	9-12		TU		246	E	E	B
02503	LAB	M	12-3		TU		246	E	E	B
02504	LAB	O	9-12			TH	246	E	E	B
02505	LAB	P	12-3			TH	246	E	E	B

E E 355 FIELDS AND WAVES.
PREREQUISITE: E. E. 229 AND 350. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 0 OR 3/4 UNIT.

02506	DISC	A1	8	M	W	F	169	E	E	B

E E 356 MICRO WAVE TECHNIQUES.
PREREQUISITE: CREDIT OR REGISTRATION IN E. E. 352 OR 355.
1 HOUR. OR 0 OR 1/4 UNIT.

02507	LAB	L	9-12		TU		251	E	E	B
02508	LAB	M	12-3			TH	251	E	E	B

E E 359 INTRODUCTION TO STATISTICAL COMMUNICATION.
PREREQUISITE: E. E. 266 AND 310, OR EQUIVALENTS.
3 HOURS. OR 3/4 OR 1 UNIT.

02509	DISC	M1	9-1020		TU	TH	141	E	E	B

E E 361 INTRODUCTION TO DATA COMMUNICATION.
PREREQUISITE: SENIOR STANDING.
3 HOURS OR 1 UNIT.

02510	DISC	P1	1-220		TU	TH	260	E	E	B

E E 366 AERONOMY: PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
SAME AS ASTR. AND PHYCS. 366.
PREREQUISITE: PHYCS. 342. 321, AND 381: OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

02511	LECT		230-4		TU	TH	137	P	B	

E E 367 ACTIVE NETWORKS.
PREREQUISITE: E. E. 342.
3 HOURS OR 3/4 UNIT.

02512	DISC	E1	1	M	W	F	169	E	E	B

E E 373 ENGINEERING ACOUSTICS.
SAME AS T. A. M. 373.
PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH E. E. 373 AND 374.
*3 HOURS. OR 3/4 TO 1 UNIT.

02513	DISC	D1	11	M	W	F	169	E	E	B

E E 374 ULTRASONIC TECHNIQUES.
PREREQUISITE: MATH. 345.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH E. E. 373 AND 374.
3 HOURS OR 1 UNIT.

02514	DISC	R1	1-220		TU	TH	170	E	E	B

E E 376 SYMMETRICAL COMPONENT ANALYSIS OF POWER SYSTEMS.
PREREQUISITE: E. E. 350.
3 HOURS. OR 0 OR 1 UNIT.

02515	DISC	F1	2	M	W	F	169	E	E	B

E E 378 ELECTRIC POWER NETWORKS.
PREREQUISITE: E. E. 350.
3 HOURS. OR 0 OR 1 UNIT.

02516	DISC	H1	4	M W F	169	E E B		

E E 381 PULSE TECHNIQUES.
PREREQUISITE: E. E. 342.
*CREDIT IS NOT GIVEN FOR BOTH E. E. 347 AND E. E. 381.
*4 HOURS. OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN DISCUSSION AND IN ANY ONE LAB.

02517	DISC	C1	10	M W F	269	E E B		
02518	LAB	L	9-12	TU	268	E E B		
02519	LAB	M	2-5	TU	268	E E B		
02520	LAB	N	9-12	TH	268	E E B		
02521	LAB	O	2-5	TH	268	E E B		

E E 382 TRANSISTOR CIRCUITS.
PREREQUISITE: E. E. 340, 342 AND 343, CREDIT OR REGISTRATION IN E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE DISCUSSION AND IN ONE LAB.

02522	DISC	B1	9	M W F	169	E E B		
02523	DISC	F1	2	M W F	170	E E B		
02524	LAB	L	9-12	TU	241	E E B		
02525	LAB	M	2-5	TU	241	E E B		

E E 383 TRANSISTOR CIRCUITS.
PREREQUISITE: E. E. 342 AND 343, CREDIT OR REGISTRATION IN E. E./MET. E. 384, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

02526	DISC	B1	9	M W F	169	E E B		
02527	DISC	F1	2	M W F	170	E E B		

E E 384 PROPERTIES OF SOLIDS.
SAME AS MET. E. 384.
PREREQUISITE: PHYCS. 383
3 HOURS OR 3/4 UNIT.

02528	LECT-DISC	A	9	M W F	119	M M B		
02529	LECT-DISC	B	11	M W F	119	M M B		

E E 386 CONTROL SYSTEMS, I.
PREREQUISITE: E. E. 310 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
STUDENTS MUST REGISTER IN DISCUSSION AND IN ANY ONE LAB.

02530	DISC	E1	1	M W F	141	E E B		
02531	LAB	L	9-12	TU	233	E E B		
02532	LAB	M	12-3	TU	233	E E B		
02533	LAB	N	12-3	TH	233	E E B		

E E 387 INTRODUCTION TO QUANTUM ELECTRONICS FOR ELECTRICAL ENGINEERS.
PREREQUISITE: PHYCS. 383.
3 HOURS OR 1 UNIT.

02534	DISC	A1	8	M W F	57	E E B		

E E 388 ELECTRONIC ANALOG COMPUTERS.
PREREQUISITE: E. E. 340, 341, MATH. 345 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 0 OR 1 UNIT.
STUDENTS MUST REGISTER IN DISCUSSION AND IN ONE LAB.

02535	DISC	N1	10-1120	TU TH	260	E E B		
02536	LAB	R1	1-3	TU	262	E E B		
02537	LAB	T1	3-5	TU	262	E E B		

E E 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS C. S. AND MATH 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

02538	LECT-DISC	D1	11	M W F	156	ADMIN		MURRELL

E E 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS C. S. AND MATH. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

02539	LECT-DISC	C1	10	M W F	162	E E B		FORBES
02540	LECT-DISC	D1	11	M W F	447	A H		MULLER

E E 397 PROJECTS AND LECTURES IN QUANTUM ELECTRONICS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR:
RECOMMENDED E. E. 387.
3 HOURS. OR 0 TO 1 UNIT.

02541	DISC	M1	9-1020	TU TH	170	E E B		

E E 400 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS.
0 CREDIT.

02542	LECT	U	4	TH	151	E E B		MERKELO-LO

E E 414 ENGINEERING APPLICATIONS OF LINEAR GRAPHS.
SAME AS C. S. 414.
PREREQUISITE: E. E. 416, MATH. 315 OR 318.
1 UNIT.

02543	DISC	E1	1	M W F	335	E E B		MAYEDA

E E 415 CONTROL SYSTEM THEORY AND DESIGN.
PREREQUISITE: E. E. 386 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

02544	DISC	F1	2	M W F	335	E E B		KOKOTOVIC

E E 416 ANALYSIS OF NETWORKS AND SYSTEMS.
PREREQUISITE: E. E. 322, CREDIT OR REGISTRATION IN MATH. 346
OR 348.
1 UNIT.

02545	DISC	A1	8	M W F	335	E E B		FETT
02546	DISC	B1	9	M W F	335	E E B		WAX

E E 420 ELECTROMAGNETIC WAVES AND RADIATING SYSTEMS.
PREREQUISITE: E. E. 352.
1 UNIT.

02547	DISC	C1	10	M W F	335	E E B		MAST
02548	DISC	D1	11	M W F	141	E E B		KLOCK

E E 421 ADVANCED ELECTROMAGNETIC ENGINEERING.
PREREQUISITE: E. E. 420.
1 UNIT.

02549	DISC	P1	1030-12	TU TH	335	E E B		DESCHAMPS

E E 425 NUCLEAR-ELECTRICAL ENERGY CONVERSION.
SAME AS NUC. E. 425.
1 UNIT.

02550	LECT-DISC		3	M W F	203	N E L		

E E 434 RANDOM PROCESSES AND LINEAR FILTERING.
PREREQUISITE: MATH. 361 OR EQUIVALENT, OR E. E. 359.
1 UNIT.

02551	DISC	P1	1030-12	TU TH	257	E E B		HADDAD

E E 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
SAME AS PHYCS. 435.
PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC
PHYSICS.
1 UNIT.

02552	DISC	R1	1-220	TU TH	335	E E B		SAH

E E 437 PRINCIPLES OF MICROWAVE MEASUREMENTS.
PREREQUISITE: E. E. 355 AND E. E. 356.
1 UNIT.

02553	DISC	L1	8	TU TH	254	E E B		DYSON
	LAB	L1	1-4	TU	251	E E B		DYSON

E E 438 STOCHASTIC PROCESSES IN ENGINEERING.
SAME AS A. A. E. 453 AND T. A. M. 418.
PREREQUISITE: A. A. E. 452, E. E. 434, T. A. M. 417, OR EQUIVALENT.
1 UNIT.

02554	LECT-DISC	A	10-1130	TU TH	203	T B	LIN

E E 439 ADVANCED THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
PREREQUISITE: E. E. 435 OR PHYSC. 435.
1 UNIT.

02555	DISC	T1	3-420	TU TH	335	E E B	SAH

E E 445 POWER SYSTEM STABILITY.
PREREQUISITE: E. E. 440.
1 UNIT.

02556	DISC	H1	ARR				HELM

E E 452 TIME-VARYING AND NONLINEAR CIRCUITS.
PREREQUISITE: E. E. 416 AND MATH. 346.
1 UNIT.

02557	DISC	M1	9-1020	TU TH	335	E E B	TRICK

E E 453 OPTIMUM CONTROL SYSTEMS.
PREREQUISITE: E. E. 415.
1 UNIT.

02558	DISC	D1	11	M W F	335	E E B	CRUZ

E E 456 CODING THEORY.
SAME AS C. S. 456.
PREREQUISITE: MATH. 317 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
1 UNIT.

02559	DISC	T1	230-4	TU TH	170	E E B	CHEN

E E 465 TOPICS IN AUTOMATA THEORY.
SAME AS C. S. AND MATH. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION N1 CONSIDERS DESIGN OF DIGITAL COMPUTER CONTROL UNITS.

02560	LECT-DISC *N1		10-1120	TU TH	101	WOODSHOP	METZE

E E 472 QUANTUM ELECTRONICS.
PREREQUISITE: PHYCS. 381.
1 UNIT.

02561	DISC	R1	1-220	TU TH	254	E E B	COLEMAN

E E 475 IONOSPHERIC RADIO PROPAGATION.
PREREQUISITE: E. E. 420 OR EQUIVALENT.
1 UNIT.

02562	DISC	E1	1	M W F	57	E E B	YEH

E E 485 ADVANCED THEORY OF MAGNETIC AND OPTIC COMPUTER MEMORY DEVICES.
SAME AS C. S. 485.
PREREQUISITE: C. S. OR E. E. 385.
1 UNIT.

02563	LECT-DISC	M1	9-1020	TU TH	212	WOODSHOP	KUBITZ

E E 486 CONSTITUTION OF THE IONOSPHERE: AN INTRODUCTION TO AERONOMY.
SAME AS ASTR. 486.
PREREQUISITE: GRADUATE STANDING IN ELECTRICAL ENGINEERING, PHYSICS, OR ASTRONOMY, MATH. 341 OR EQUIVALENT.
1 UNIT.

02564	DISC	F1	2	M W F	59	E E B	BOWHILL

E E 490 SEMINAR IN SPECIAL TOPICS.
PREREQUISITE: ADVANCED STANDING AND CONSENT OF INSTRUCTOR.
0 TO 1/2 UNIT.
SECTION A IS AERONOMY.
SECTION B IS ANTENNAS.
SECTION C IS BIOLOGICAL COMPUTERS.
SECTION D IS BIOACOUSTICS.
SECTION E IS CHARGED PARTICLES.
SECTION F IS OPTICAL ELECTRONICS.
SECTION G IS ELECTRO-PHYSICS.
SECTION H IS GASEOUS ELECTRONICS.
SECTION I IS IONOSPHERICS.
SECTION K IS SEMICONDUCTORS AND SOLID STATE DEVICES.
SECTION L IS INFORMATION SCIENCE.
SECTION M IS QUESTION-ANSWERING SYSTEMS AND ARTIFICIAL INTELLIGENCE
SECTION N IS CONTROL AND OPTIMIZATION.
SECTION O IS SPEECH PROCESSING.
SECTION P IS COMPUTER-GUIDED EXPERIMENTATION.
SECTION Q IS CONTROL SYSTEMS.
SECTION R IS RADIOLOCATION.

02565	LECT	A	4	TU	269	E E B	SECHRIST
02566	LECT	B	ARR				DESCHAMPS-MITTRA
02567	LECT	C	ARR				VONFOERSTER
02568	LECT	D	ARR				DUNN-FRY
02569	LECT	E	ARR				HENDRICKS
02570	LECT	F	ARR				GADDY HOLSHOUSER
02571	LECT	G	ARR				COLEMAN
02572	LECT	H	ARR				GOLDSTEIN VERDEYEN MERKELO CHERRINGTON
02573	LECT	I	ARR				YEH
02574	LECT	K	ARR				BARDEEN-SAH HOLONYAK
02575	LECT	L	ARR				CHIEN-MUELLER PREPARATA
02576	LECT	M	ARR				CHIEN
02577	LECT	N	ARR				KOKOTOVIC-CRUZ
02578	LECT	O	ARR				BABCOCK
02579	LECT	P	ARR				NEAL
02580	LECT	Q	ARR				KUO
02581	LECT	R	ARR				BAILEY

E E 497 ELECTRICAL ENGINEERING PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 1 UNIT.
*SECTION A1: INTRODUCTION TO COHERENT OPTICS AND HOLOGRAPHY FOR 1 UNIT CREDIT.
*SECTION B1: ANTENNAS AND ANTENNA SYSTEMS FOR 1 UNIT CREDIT.
*SECTION C1: INTRODUCTION TO OPTIMIZATION FOR 1 UNIT CREDIT.
*SECTION D1: BEHAVIOR AND CONTROL OF CHARGED MACROSCOPIC PARTICLES FOR 1 UNIT CREDIT.
*SECTION E1: HYBRID CIRCUIT FABRICATION FOR 1/4 UNIT CREDIT.
SECTION F1: ADVANCED SOLID STATE ELECTRICAL ENERGY CONVERSION SYSTEM FOR 1 UNIT CREDIT.
SECTION G1: FOUNDATIONS AND METHODOLOGIES OF PICTORIAL ARTIFICIAL INTELLIGENCE FOR 1 UNIT CREDIT.
SECTION G2: ACTIVE AND NONLINEAR WAVE PHENOMENA IN ELECTRONICS FOR 1 UNIT CREDIT.
SECTION H1: EXPERIMENTAL AERONOMY FOR 1 UNIT CREDIT.
*SECTION L1: MATHEMATICAL TECHNIQUES IN ELECTROMAGNETIC WAVE THEORY FOR 1 UNIT CREDIT.

02583	DISC	*A1	1	M W F	254	E E B	MITTRA
02584	DISC	*B1	830-10	TU TH	257	E E B	MAST
02585	DISC	*C1	10	M W F	170	E E B	KOKOTOVIC
02586	DISC	*D1	9	TU TH	250	E E B	HENDRICKS
02587	DISC	*E1	2-5	W	133	E E B	ANNER
02582	DISC	F1	3	M W F	335	E E B	BURTNESS
02588	DISC	G1	9-1020	TU TH	254	E E B	PREPARATA
02589	DISC	G2	2	M W F	257	E E B	LIU
02590	DISC	H1	4	M W F	335	E E B	MECHTLY
02591	DISC	L1	*2-320	TU TH	257	E E B	LEE-MITTRA

E E 498 INDIVIDUAL STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

02592	CONF	A	ARR
02593	CONF	B	ARR

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E E   499     THESIS RESEARCH.
        0 TO 4 UNITS.
      02594       CONF        A      ARR
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ELEMENTARY EDUCATION

DEPARTMENT OFFICE 306 EDUC

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EL ED 199     UNDERGRADUATE OPEN SEMINAR.
        *MAY BE REPEATED.
        *0 TO 9 HOURS.
        *LECT-DISC. 1 IS CONCERNED WITH ELEMENTARY SCHOOL TEACHING AND IS
        RELATED TO A SATURDAY SCHOOL PROJECT.  ALL MUST ENROLL FOR 3 HOURS
        CREDIT.
        *SECTION 2 IS ON BLACK CURRICULUM METHODS IN ELEMENTARY EDUCATION.
        ALL STUDENTS SHOULD ENROLL FOR 3 HOURS OF CREDIT.
      02596       LECT-DISC *1        7-9PM   M          137  ARMORY
      02597       LECT-DISC *2        1-3       TU       153  ARMORY
      02595       CONF       3      ARR                                    STAFF

EL ED 230     PRINCIPLES. PROBLEMS AND ISSUES IN ELEMENTARY EDUCATION.
        PREREQUISITE: MUST BE TAKEN CONCURRENTLY WITH ED. PR. 232.
        3 HOURS.
        OPEN ONLY TO STUDENT TEACHERS.  NOTE: FIRST MEETING FOR ALL
        SECTIONS IN ROOM 2 EDUCATION BUILDING.
        ALL STUDENTS SHOULD ENROLL UNDER LECTURE-DISCUSSION 1.
      02598       LECT-DISC  1        7-10PM       TH       2  EDUC        WESTON
      02599       LECT-DISC  2        7-10PM       TH       1  EDUC
      02600       LECT-DISC  3        7-10PM       TH     162  EDUC
      02601       LECT-DISC  4        7-10PM       TH       6  COM W
      02602       LECT-DISC  5        7-10PM       TH       8  COM W
      02603       LECT-DISC  6        7-10PM       TH      11  COM W
      02604       LECT-DISC  7        7-10PM       TH      20  COM W
      02605       LECT-DISC  8        7-10PM       TH     382  EDUC
      02606       LECT-DISC  9        7-10PM       TH     385  EDUC
      02607       LECT-DISC  10       7-10PM       TH      24  COM W
      02608       LECT-DISC  11       7-10PM       TH      28  COM W
      02609       LECT-DISC  12       7-10PM       TH      30  COM W

EL ED 233     CLASSROOM PROGRAMS IN CHILDHOOD EDUCATION.
        PREREQUISITE: JUNIOR STANDING, ED. PSY. 236.
        2 HOURS.
      02610       LECT-DISC  T        3-5       TU     192  EDUC
      02611       LECT-DISC  T1       3-5          TH  382  EDUC

EL ED 235     TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.
        PREREQUISITE: JUNIOR STANDING.
        3 HOURS.
        *SECTION M WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY
        SCHOOL STUDENT TEACHING PERIOD.
      02612       LECT-DISC  R        2-4      M     224  D K H         RODGERS
                             R        2          W   224  D K H
      02613       LECT-DISC  M       *9-11     TU TH   40  COM W         GARDNER
                             M       *3-5        W      2  EDUC

EL ED 237     THEORY AND PROCESS IN ELEMENTARY SCHOOL TEACHING.
        PREREQUISITE: ED. PSY. 236.
        5 HOURS.
        THE PRACTICE SESSIONS ARE ONLY FOR THE SIX-WEEKS OBSERVATION
        PERIOD IN LOCAL SCHOOLS WHEN ALL SECTIONS WILL MEET 9-12 MTUWTHF.
        ALL ELEMENTARY EDUCATION STUDENTS SHOULD ENROLL IN THE LAB-
        PRACTICE-LECTURE A1 COMBINATION.  ALL EARLY CHILDHOOD EDUCATION
        STUDENTS SHOULD ENROLL IN THE LAB-PRACTICE-LECTURE D1 COMBINATION.
        BECAUSE OF PLACEMENTS FOR THIS COURSE ONLY STUDENTS IN ELEMENTARY
        EDUCATION AND EARLY CHILDHOOD EDUCATION SHOULD ENROLL.
      02620       LAB        *A1       8-10      TU     385  EDUC
                  PRACT      *A1       8-10     M      ARR
                             *A1      10-1        TU    ARR
                             *A1       8-1          THF ARR
                  LECT       *1       10-12     M  W      2  EDUC         MANOLAKES
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EL ED 237 CONTINUED

02614	LAB	A2	8-10	TH	385	EDUC	
	PRACT	A2	8-10	M WTH	ARR		
		A2	10-1	TU F	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
02615	LAB	B1	10-12	TU	19	D K H	
	PRACT	B1	8-10	MTUW	ARR		
		B1	8-1	THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
02616	LAB	B2	10-12	TH	19	D K H	
	PRACT	B2	8-10	M WTH	ARR		
		B2	8-1	TU F	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
02617	LAB	C1	10-12	TU	33	EDUC	
	PRACT	C1	8-10	MTUW	ARR		
		C1	8-1	THF	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
02618	LAB	C2	10-12	TH	382	EDUC	
	PRACT	C2	8-10	M WTH	ARR		
		C2	8-1	TU F	ARR		
	LECT	1	10-12	M W	2	EDUC	MANOLAKES
02621	LAB	*D1	8-10	F	385	EDUC	
	PRACT	*D1	8-10	M W	ARR		
		*D1	8-1	TU TH	ARR		
		*D1	10-1	F	ARR		
	LECT	*2	10-12	M W	382	EDUC	WEIR
02619	LAB	D2	10-12	F	382	EDUC	
	PRACT	D2	8-10	M W F	ARR		
		D2	8-1	TU TH	ARR		
	LECT	2	10-12	M W	382	EDUC	WEIR

EL ED 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.
SAME AS SPCH. 248.
PREREQUISITE: SPCH. 388
3 HOURS.

02622	LECT-DISC	10-12	TU TH	106	SP CLINIC	JOHNSON
		3-5	TH	106	SP CLINIC	JOHNSON

EL ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

02623	CONF	ARR				STAFF

EL ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

02624	CONF	ARR				STAFF

EL ED 332 PRINCIPLES AND PRACTICES IN ELEMENTARY MATHEMATICS EDUCATION.
PREREQUISITE: MATH. 202 AND 203 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

02625	LECT-DISC	4-6	TU	151	ARMORY	LERCH

EL ED 333 THE TEACHING OF LANGUAGE ARTS IN THE ELEMENTARY SCHOOL.
PREREQUISITE: EL. ED. 237 AND ED. PSY. 236.
3 HOURS, OR 1/2 TO 1 UNIT.
*ALL SECTIONS EXCEPT Y ARE FOR STUDENT TEACHERS AND WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

02627	LECT-DISC *A	8-10	M W F	150	ARMORY	MADISON
02628	LECT-DISC *C	10-12	M W F	224	D K H	EVERTTS
02629	LECT-DISC *F	1-3	M W F	389	EDUC	MADISON
02630	LECT-DISC *M	9-12	TU TH	192	EDUC	MOORE
02626	LECT-DISC Y	7-9PM	TU	192	EDUC	EVERTTS

EL ED 334 PRINCIPLES AND PRACTICES IN EARLY CHILDHOOD EDUCATION.
PREREQUISITE: EL. ED. 237.
3 HOURS, OR 1/2 OR 1 UNIT.

02631	LECT-DISC A	4-6	TU	143	ARMORY	WEIR

EL ED 335 SCIENCE IN THE ELEMENTARY SCHOOL.
PREREQUISITE: EL. ED. 237. OR EQUIVALENT: TWO YEARS OF COLLEGE SCIENCE.
3 HOURS OR 1/2 UNIT.
LABORATORY WILL BE OPEN DAILY. SEE SCHEDULE AT LAB. EXTRA LAB HOURS REQUIRED OF ALL SECTIONS.
*LECTURES 2 AND 3 WILL NOT MEET DURING EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD.

02632	LECT	1	1-3	M		4G	EDUC	SHORESMAN
	LAB	1	ARR					
02633	LECT	*2	1-3	TU		4G	EDUC	FRANCIS
	LAB	*2	ARR					
02634	LECT	*3	1-3		TH	4G	EDUC	
	LAB	*3	ARR					

EL ED 336 FUNDAMENTALS OF READING TECHNIQUES.
SAME AS SE. ED. 336.
PREREQUISITE: JUNIOR STANDING: REGISTRATION IN A TEACHER EDUCATION CURRICULUM.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTIONS A. C. AND E WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR ELEMENTARY EDUCATION. EARLY CHILDHOOD EDUCATION. AND SCHOOL PSYCHOLOGY PROGRAM STUDENTS. SECTIONS W. X. Y. AND Z WILL NOT MEET DURING THE SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR SECONDARY EDUCATION STUDENTS. SECTION W IS FOR DISTRICT 214 STUDENTS. SECTIONS C1 AND F WILL MEET ALL 16 WEEKS AND ARE DESIGNED FOR ELEMENTARY EDUCATION. EARLY CHILDHOOD EDUCATION. AND SCHOOL PSYCHOLOGY STUDENTS.

02635	LECT-DISC	*A	8-10	M	W	F	1	EDUC		POWELL
02636	LECT-DISC	*C	10-12	M	W	F	166	EDUC		DURKIN
02641	LECT-DISC	*C1	10	M	W	F	192	EDUC		SHORES
02637	LECT-DISC	*E	1-3	M	W	F	192	EDUC		BEZDEK
02642	LECT-DISC	*F	3	M	W	F	160	COM W		BEZDEK
02643	LECT-DISC	*W	ARR							ERICKSON
02638	LECT-DISC	*X	8-10	M	W		143	ARMORY		WALKER
		*X	8			F	143	ARMORY		
02639	LECT-DISC	*Y	1-3	M	W		143	ARMORY		WALKER
		*Y	1			F	143	ARMORY		
02640	LECT-DISC	*Z	2-4	M	W	F	137	ARMORY		KIMMEL

EL ED 337 ART EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: JUNIOR STANDING.
3 HOURS OR 1/2 UNIT.
*SECTION A WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD. SECTION E1 IS FOR ART EDUCATION MAJORS.

02647	LECT-DISC	*A	8	MTUWTHF	106	F A B		
02644	LECT-DISC	E	1	M W F	106	F A B		
02648	LECT-DISC	*F1	1	M W F	2C7	F A B		
02645	LECT-DISC	F	2	M W F	107	F A B		
02646	LECT-DISC	G	3	M W F	305	D K H		

EL ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.
SAME AS SE. ED. 338.
PREREQUISITE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.
3 HOURS. OR 1/2 OR 1 UNIT.
*EXPERIMENTAL SECTION. OPEN ONLY TO ELEMENTARY EDUCATION STUDENTS. MEETS ALL 16 WEEKS.

02649	LECT-DISC		4-6	TU	140	COM W		KNIGHT

EL ED 339 CORRECTIVE READING.
SAME AS EDPSY. 339.
PREREQUISITE: EL. ED. 336 OR 338.
3 HOURS OR 1 UNIT.
MUST APPLY IN ADVANCE WITH READING CLINIC DIRECTOR IN 10 EDUCATION AND ENROLL IN ASSIGNED SECTION.

02650	LECT-DISC	A	4-6	TU	10	EDUC		POWELL
02651	LECT-DISC	B	4-6	W	10	EDUC		POWELL
02652	LECT-DISC	C	4-6	TH	10	EDUC		KNIGHT

EL ED 354 AUDIO-VISUAL COMMUNICATION.
SAME AS LIB. S. AND SE. ED. 354
PREREQUISITE: SENIOR OR GRADUATE STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.
STUDENT MUST ENROLL IN LECT-DISC AND EITHER LAB A OR B.

02653	LECT-DISC		4-6	TU	1	EDUC		ISAACS
02654	LAB	A	4-6	W	1	EDUC		
02655	LAB	B	4-6	TH	1	EDUC		

EL ED 431 ELEMENTARY SCHOOL CLASSROOM PROGRAMS.
1 UNIT.

02656	LECT-DISC	A	7-9PM	W	192	EDUC	MOORE
02657	LECT-DISC	B	7-9PM	TU	152	COM W	SHEPHERD

EL ED 432 CLINICAL DIAGNOSIS AND REMEDIATION IN READING.
PREREQUISITE: EL. ED. 339 AND A COURSE IN INDIVIDUAL MENTAL TESTING.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*1 UNIT.
MUST APPLY IN ADVANCE WITH READING CLINIC DIRECTOR IN 10 EDUCATION AND ENROLL IN ASSIGNED SECTION.

02658	LECT-DISC	A	4-6	M	126	COM W	KOENKE

EL ED 433 CURRICULUM PROBLEMS AND TRENDS IN SPECIAL FIELDS OF ELEMENTARY EDUCATION.
PREREQUISITE: FOR ALL SECTIONS, EL. ED. 431 OR 434 OR CONSENT OF INSTRUCTOR: LANGUAGE ARTS SECTIONS, EL. ED. 333 AND 336 OR A COURSE IN THE TEACHING OF READING OR LANGUAGE ARTS, OR CONSENT OF INSTRUCTOR: CREATIVE ARTS SECTION, EL. ED. 337 OR CONSENT OF INSTRUCTOR: SCIENCE SECTION, EL. ED. 335 OR A METHODS COURSE IN TEACHING SCIENCE IN THE ELEMENTARY SCHOOL AND TWO YEARS OF COLLEGE SCIENCE, OR CONSENT OF INSTRUCTOR: READING SECTION, EL. ED. 336 OR COURSE IN TEACHING OF READING, OR CONSENT OF INSTRUCTOR: EARLY CHILDHOOD SECTION, EL. ED. 434, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION A IS FOR LANGUAGE ARTS. SECTION B IS FOR SOCIAL STUDIES.
SECTION F IS FOR READING.

02659	LECT-DISC	*A	4-6	W	382	EDUC	EVERTTS
02660	LECT-DISC	*B	7-9PM	TU	162	EDUC	MCGILL
02661	LECT-DISC	*F	10-12	S	162	EDUC	DURKIN

EL ED 434 PROGRAMS IN EARLY CHILDHOOD EDUCATION.
1 UNIT.

02662	LECT-DISC	A	430-630	TU	150	ARMORY	KATZ
02663	LECT-DISC	B	430-630	TH	150	ARMORY	SPODEK

EL ED 435 DIAGNOSIS AND CORRECTION IN ELEMENTARY MATHEMATICS.
PREREQUISITE: EL. ED. 332: EDPSY. 392: OR EQUIVALENT.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1 UNIT.

02664	LECT-DISC		1-3	M	236	COM W	LERCH

EL ED 437 METHODS OF CHILD STUDY.
PREREQUISITE: ED. PSY. 312 OR CONSENT OF INSTRUCTOR.
1 UNIT.
*THIS SECTION WILL INVOLVE LAB AND FIELD WORK WITH CHILDREN.

02665	LECT	A	4-6	TU	166	EDUC	EASLEY
	LAB	A	ARR				EASLEY
02666	LECT-DISC	*B	4-6	M	382	EDUC	LAVATELLI

EL ED 439 FUNDAMENTALS OF CURRICULUM DEVELOPMENT.
1 UNIT.

02667	LECT-DISC	A	7-9PM	M	1	EDUC	SHORES

EL ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

02668	CONF		ARR				GRADUATE STAFF

EL ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1 TO 2 UNITS.
*SECTION M IS FOR OPEN PRIMARY EDUCATION.
*SECTION O IS FOR CREATIVE WRITING.

02669	LECT-DISC	*M	7-9PM	TU	1	EDUC	SPODEK
02670	LECT-DISC	*O	4-6	TH	166	EDUC	MOORE

EL ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN ELEMENTARY EDUCATION.
1 TO 2 UNITS.
*SECTION A WILL EMPHASIZE RESEARCH METHODS IN COGNITIVE AND LANGUAGE DEVELOPMENT.
*SECTION B WILL DEAL WITH GENETIC EPISTEMOLOGY.

02671	LECT-DISC *A	10-12	M		33	EDUC	LAVATELLI
02672	LECT-DISC *B	4-6		TH	126	COM W	EASLEY

EL ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

02673	CONF	ARR	GRADUATE STAFF

EL ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

02674	CONF	ARR	GRADUATE STAFF

ENGINEERING

DEPARTMENT OFFICE 101 E H

ENG 101 COOPERATIVE ENGINEERING EDUCATION SEMINAR.
PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.
0 CREDIT.

02675	LECT-DISC	5	M	119	M M B	OPPERMAN

ENG 102 COOPERATIVE ENGINEERING EDUCATION PRACTICE.
PREREQUISITE: COOPERATIVE STUDENT IN ANY ENGINEERING CURRICULUM.
0 CREDIT.

02676	PRACT	ARR	OPPERMAN

ENG 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

02677	CONF	ARR

ENGINEERING HONORS

DEPARTMENT OFFICE 101 E H

ENG H 196 THE ENGINEER AND SOCIETY.
PREREQUISITE: FRESHMAN JAMES SCHOLAR.
2 HOURS.

02678	LECT-DISC &	10-12	TH	ARR		KESLER

ENG H 197 THE ENGINEER AND HIS PROFESSION.
PREREQUISITE: FRESHMAN JAMES SCHOLAR.
1 HOUR.

02679	LECT-DISC &	3-430	M	235	M E B	PIGAGE

ENG H 198 HONORS SEMINAR.
PREREQUISITE: HONORS STUDENT IN THE UNIVERSITY.
1 TO 4 HOURS.

02680	CONF &	ARR	

ENG H 297 COLLEGE HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.
*SECTION &O IS INDEPENDENT STUDY.
*SECTION &P IS COMPUTER GRAPHICS.

02681	CONF *&O	ARR				
02682	LECT-DISC *&P	10-12	TU	302	T B	PLECK

DEPARTMENT OFFICE 317 E B

NOTE: NO STUDENT, WITH THE EXCEPTION OF THOSE WHO RECEIVED A SCORE OF 90 OR ABOVE ON THE OVERSEAS TEST, IS PERMITTED TO REGISTER FOR ANY COURSE IN REMEDIAL RHETORIC (109, 110, AND 111) OR SERVICE RHETORIC (114, 115, 400, AND 401) IN ENGLISH AS A SECOND LANGUAGE UNTIL HE HAS TAKEN THE PLACEMENT TEST IN ENGLISH AS A SECOND LANGUAGE. AUDITORS ARE NOT PERMITTED. RHETORIC 114 AND 115 FULFILL GRADUATION REQUIREMENTS IN RHETORIC. STUDENTS MAY BE REQUIRED TO TAKE REMEDIAL COURSES BEFORE THEY ARE PERMITTED TO TAKE RHET. 114. ADVISERS SHOULD CONSULT THE UNDERGRADUATE STUDY BULLETIN UNDER THE SECTION ENTITLED "GENERAL REQUIREMENTS FOR GRADUATION (ENGLISH)" FOR THE DEFINITION OF A FOREIGN STUDENT.

RHET 109 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST.
0 CREDIT.

02683	LECT-DISC	B	9-11	M	W	F	1140	F	L	B
02684	LECT-DISC	M	9-11	TU	TH	S	1140	F	L	B

RHET 110 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: READING KNOWLEDGE OF ENGLISH AND ABILITY TO UNDERSTAND SIMPLE INSTRUCTIONS. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
0 CREDIT.

02685	LECT-DISC	A	8	M	W	F	1140	F	L	B
02686	LECT-DISC	C	1	M	W	F	1022	F	L	B
02687	LECT-DISC	D	11	M	W	F	1140	F	L	B
02688	LECT-DISC	F	2	M	W	F	1140	F	L	B
02689	LECT-DISC	L	8	TU	TH	S	1140	F	L	B
02690	LECT-DISC		ARR							

RHET 111 ENGLISH AS A SECOND LANGUAGE.
PREREQUISITE: RHET. 109. RECOMMENDATION FROM ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
0 CREDIT.

02691	LECT-DISC	A	8-10	M	W	F	1030	F	L	B
02692	LECT-DISC	B	8-10	M	W	F	1022	F	L	B
02693	LECT-DISC	C	3-5	M	W	F	1030	F	L	B
02694	LECT-DISC	E	1-3	M	W	F	154	ARMORY		
02695	LECT-DISC	G	11-1	M	W	F	1022	F	L	B
02696	LECT-DISC	M	9-11	TU	TH	S	1022	F	L	B

RHET 114 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
PREREQUISITE: RHET. 111. RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
*0 OR 3 HOURS.

02697	LECT-DISC	C	10	M	W	F	1030	F	L	B
02698	LECT-DISC	F	1	M	W	F	1140	F	L	B

RHET 115 COMPOSITION FOR UNDERGRADUATE FOREIGN STUDENTS.
PREREQUISITE: RHET. 114 AND/OR RECOMMENDATION FROM OVERSEAS TEST OR ILLINOIS PLACEMENT TEST, OR CONSENT OF INSTRUCTOR.
*FOREIGN STUDENTS RECEIVE 3 HOURS CREDIT. AMERICAN STUDENTS WITH FOREIGN LANGUAGE BACKGROUND RECEIVE NO CREDIT.
*0 OR 3 HOURS.

02699	LECT-DISC	D	11	M	W	F	1030	F	L	B
02700	LECT-DISC	F	2	M	W	F	1030	F	L	B

RHET 379 AMERICAN LANGUAGE AND LITERATURE.
THIS COURSE IS OPEN TO ANY FOREIGN STUDENT WHO HAS COMPLETED RHET. 109, 110, AND 111 OR WHO WAS NOT REQUIRED TO TAKE THOSE COURSES.
0 CREDIT.

02701	LECT-DISC	H	4	M	W	F	1022	F	L	B

RHET 388 LINGUISTICS IN LANGUAGE LEARNING. I.
SAME AS LING. 388.
PREREQUISITE: TWO YEARS OF FOREIGN LANGUAGE OR EQUIVALENT. CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.
02702 LECT-DISC C 10 M W F 1022 F L B

RHET 389 LINGUISTICS IN LANGUAGE LEARNING. II.
SAME AS LING. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.
02703 LECT-DISC F 2 M W F 1022 F L B

RHET 400 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS. I.
PREREQUISITE: GRADUATE STANDING AND RHET. 111, OR CONSENT OF INSTRUCTOR.
0 TO 4 HOURS.
02704 LECT-DISC ARR KEEN

RHET 401 VERBAL COMMUNICATION IN ENGLISH AS A SECOND LANGUAGE FOR GRADUATE FOREIGN STUDENTS. II.
PREREQUISITE: GRADUATE STANDING AND RHET. 400, OR CONSENT OF INSTRUCTOR.
0 TO 4 HOURS.
02705 LECT-DISC ARR KEEN

RHET 419 CONTRASTIVE ANALYSIS.
SAME AS LING. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
02706 LECT-DISC 1-230 M W 374 L H BOUTON

ENGLISH LITERATURE AND AMERICAN LITERATURE

DEPARTMENT OFFICE 100 E B

MAJOR: A COURSE IN SHAKESPEARE AND TWENTY ADDITIONAL HOURS IN ENGLISH, EXCLUDING 101, 102, 103, 115, 116, 195, 196, AND RHETORIC 101, 102, 107, 108, 202, 251, 271, 272. OF THESE TWENTY ADDITIONAL HOURS, SEVENTEEN MUST BE TAKEN IN ENGLISH OR AMERICAN LITERATURE, INCLUDING THREE HOURS FROM EACH OF THE FOLLOWING GROUPS: (1) AMERICAN LITERATURE: ENGLISH 255, 256. (2) ENGLISH LITERATURE PRIOR TO 1616: ENGLISH 221, 235, 311, 325, 326, OR 336; (3) ENGLISH LITERATURE FROM 1616 TO 1800: ENGLISH 245, 342, 345, 346, 348, OR 349; (4) ENGLISH LITERATURE FROM 1800 TO THE PRESENT: ENGLISH 246, 263, 264, 281, 282, 283, OR 284.

PREREQUISITE TO THE ENGLISH MAJOR IS SIX SEMESTER HOURS OF INTRODUCTORY LITERATURE: ENGLISH 101 AND EITHER 102 OR 103, OR ENGLISH 195 AND 196. IF NECESSARY THESE COURSES MAY BE TAKEN CONCURRENTLY WITH ADVANCED COURSES.
ENGLISH MAJORS WHO INTEND TO TEACH IN SECONDARY SCHOOLS MUST SEE THE ADVISER ON SPECIAL CURRICULA. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINORS: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH; OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES UNLESS APPROVED BY THE ADVISOR WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THEIR DEPARTMENTS EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104; THE ACCEPTED SUBSITUTES FOR FRENCH 104, GERMAN 104, AND SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED.

DEPARTMENTAL HONORS PROGRAM:
THE DEPARTMENT OF ENGLISH OFFERS FIVE SPECIAL COURSES (ENGL. 197, 295, 296, 297, 298) WHICH CONSTITUTE THE HONORS PROGRAM. EXCEPT BY CONSENT OF THE INSTRUCTOR, ALL FIVE COURSES ARE RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE-POINT AVERAGE OF 4.25. A FULL DESCRIPTION OF THE PROGRAM MAY BE OBTAINED FROM THE DEPARTMENTAL DIRECTOR OF HONORS IN ROOM 203 OF THE ENGLISH BUILDING.

AN ENGLISH OR ENGLISH EDUCATION MAJOR MAY EARN CONSIDERATION FOR DISTINCTION BY SUCCESSFULLY COMPLETING FOUR SEMINARS, ONE OF WHICH MUST BE ENGL. 298. ENGL. 298 IS GIVEN BOTH AS A READING AND A THESIS COURSE AND MAY BE TAKEN TWICE. A STUDENT IS ELIGIBLE FOR DISTINCTION WITHOUT WRITING A THESIS, BUT IN ORDER TO BE CONSIDERED FOR "HIGH DISTINCTION" HE MUST WRITE A THESIS. STUDENTS SHOULD NOT ENROLL IN 298 UNLESS THEY HAVE ALREADY TAKEN ENOUGH HONORS WORK TO MAKE THEM ABLE TO COMPLETE THE PROGRAM. THIS WORK MUST BE TAKEN IN ADDITION TO THE REGULAR REQUIREMENTS FOR THE ENGLISH MAJOR. THE SPECIFIC LEVEL OF DISTINCTION IS DETERMINED BY THE HONORS COMMITTEE, THE INSTRUCTORS OF THE HONORS SEMINARS, THE ENGL. 298 TUTOR, AND SUCH OTHER FACULTY MEMBERS AS MAY BE ASKED TO READ THE HONORS THESIS. IF, IN THE OPINION OF THIS GROUP, A CANDIDATE FAILS TO EARN ANY KIND OF DISTINCTION, HE WILL STILL RECEIVE CREDIT FOR THE HONORS COURSES HE HAS TAKEN. THIS GROUP MAY ALSO AWARD A PRIZE FOR THE OUTSTANDING HONORS ESSAY WRITTEN IN AN ACADEMIC YEAR.

AN ENGLISH EDUCATION MAJOR WHOSE SCHEDULE IS TOO CROWDED TO PERMIT HIM TO TAKE FOUR SEMINARS MAY--WITH THE SPECIFIC APPROVAL OF THE ENGLISH EDUCATION ADVISOR--EARN CONSIDERATION FOR DISTINCTION BY SUCCESSFULLY COMPLETING THREE SEMINARS INCLUDING 298 TAKEN AS A THESIS COURSE. ENGLISH EDUCATION MAJORS WHO ARE IN DOUBT ABOUT THEIR PROGRAMS SHOULD CONSULT WITH THEIR ADVISOR.

DURING THE ADVANCE ENROLLMENT PERIOD, THE STUDENT WHO WISHES TO ENROLL IN AN ENGLISH HONORS COURSE MUST DO SO AT THE ENGLISH HONORS OFFICE (203 ENGLISH BUILDING) WHERE CLASS ROSTERS ARE DRAWN UP. STUDENTS WHO DO NOT ENROLL THROUGH THE HONORS OFFICE CANNOT BE REGISTERED FOR HONORS COURSES.

ENGL 101 INTRODUCTION TO POETRY.
3 HOURS.

02707	LECT-DISC	A1	8	M	W	F	137	ADMIN
02708	LECT-DISC	A2	8	M	W	F	105	H H
02709	LECT-DISC	B1	9	M	W	F	210B	E B
02710	LECT-DISC	B2	9	M	W	F	105	H H
02711	LECT-DISC	B3	9	M	W	F	147	ARMORY
02712	LECT-DISC	C1	10	M	W	F	388	L H
02713	LECT-DISC	C2	10	M	W	F	147	ARMORY
02714	LECT-DISC	D	11	M	W	F	259	E B
02715	LECT-DISC	X1	12	M	W	F	259	E B
02716	LECT-DISC	F1	1	M	W	F	388	L H
02717	LECT-DISC	F1	2	M	W	F	388	L H
02718	LECT-DISC	G1	3	M	W	F	105	H H
02719	LECT-DISC	G2	3	M	W	F	109	N L
02720	LECT-DISC	H	4	M	W	F	105	H H
02721	LECT-DISC	L	8-930	TU	TH		201	E B
02722	LECT-DISC	M	9-1030	TU	TH		142	ADMIN
02723	LECT-DISC	O1	11-1230	TU	TH		142	ADMIN
02724	LECT-DISC	O2	11-1230	TU	TH		201	E B
02725	LECT-DISC	Q	1230-2	TU	TH		142	ADMIN
02726	LECT-DISC	U1	2-330	TU	TH		142	ADMIN
02727	LECT-DISC	U2	2-330	TU	TH		388	L H
02728	LECT-DISC	Z	330-5	TU	TH		142	ADMIN

ENGL 102 INTRODUCTION TO THE DRAMA.
3 HOURS.

02729	LECT-DISC	A1	8	M	W	F	138	ADMIN
02730	LECT-DISC	A2	8	M	W	F	201	E B
02731	LECT-DISC	B	9	M	W	F	138	ADMIN
02732	LECT-DISC	C1	10	M	W	F	105	H H
02733	LECT-DISC	C2	10	M	W	F	102	L H
02734	LECT-DISC	D1	11	M	W	F	102	L H
02735	LECT-DISC	X1	12	M	W	F	140	ADMIN
02736	LECT-DISC	X2	12	M	W	F	102	L H
02737	LECT-DISC	E1	1	M	W	F	282	BEV HALL

ENGL 102 CONTINUED

02738	LECT-DISC	E2	1	M	W	F	140	ADMIN
02739	LECT-DISC	F1	2	M	W	F	147	ARMORY
02740	LECT-DISC	G	3	M	W	F	140	ADMIN
02741	LECT-DISC	L	8-930	TU TH			138	ADMIN
02742	LECT-DISC	M	930-11	TU TH			138	ADMIN
02743	LECT-DISC	N	10-1130	TU TH			388	L H
02744	LECT-DISC	O	11-1230	TU TH			138	ADMIN
02745	LECT-DISC	Q	1230-2	TU TH			138	ADMIN
02746	LECT-DISC	U	2-330	TU TH			138	ADMIN
02747	LECT-DISC	Z	330-5	TU TH			138	ADMIN

ENGL 103 INTRODUCTION TO FICTION.
3 HOURS.

02748	LECT-DISC	A1	8	M	W	F	259	E B
02749	LECT-DISC	A2	8	M	W	F	117	E B
02750	LECT-DISC	B1	9	M	W	F	328	ARMORY
02751	LECT-DISC	B2	9	M	W	F	333	ARMORY
02752	LECT-DISC	C1	10	M	W	F	328	ARMORY
02753	LECT-DISC	C2	10	M	W	F	310	D K H
02754	LECT-DISC	D1	11	M	W	F	142	ADMIN
02755	LECT-DISC	D2	11	M	W	F	310	D K H
02756	LECT-DISC	D3	11	M	W	F	370	L H
02757	LECT-DISC	X1	12	M	W	F	310	D K H
02758	LECT-DISC	X2	12	M	W	F	252	ADMIN
02759	LECT-DISC	X3	12	M	W	F	333	ARMORY
02760	LECT-DISC	E1	1	M	W	F	105	H H
02761	LECT-DISC	E2	1	M	W	F	328	ARMORY
02762	LECT-DISC	F1	2	M	W	F	105	H H
02763	LECT-DISC	F2	2	M	W	F	328	ARMORY
02764	LECT-DISC	F3	2	M	W	F	243	ARMORY
02765	LECT-DISC	G1	3	M	W	F	328	ARMORY
02766	LECT-DISC	G2	3	M	W	F	310	D K H
02767	LECT-DISC	H1	4	M	W	F	140	ADMIN
02768	LECT-DISC	H2	4	M	W	F	223	E B
02769	LECT-DISC	M	930-11	TU TH			259	E B
02770	LECT-DISC	O1	11-1230	TU TH			259	E B
02771	LECT-DISC	O2	11-1230	TU TH			209	E B
02772	LECT-DISC	L	8-930	TU TH			209	E B
02773	LECT-DISC	Q	1230-2	TU TH			259	E B
02774	LECT-DISC	S	230-4	TU TH			252	ADMIN
02775	LECT-DISC	U1	2-330	TU TH			259	E B
02776	LECT-DISC	U2	2-330	TU TH			132	L H

ENGL 115 MASTERPIECES OF ENGLISH LITERATURE.
3 HOURS.

02777	LECT-DISC	B	9	M	W	F	116	L H
02778	LECT-DISC	C	10	M	W	F	333	ARMORY
02779	LECT-DISC	D1	11	M	W	F	333	ARMORY
02780	LECT-DISC	D2	11	M	W	F	210B	E B
02781	LECT-DISC	X	12	M	W	F	312	D K H
02782	LECT-DISC	E	1	M	W	F	147	ARMORY
02783	LECT-DISC	F	2	M	W	F	312	D K H
02784	LECT-DISC	G	3	M	W	F	144	BEV HALL
02785	LECT-DISC	M	930-11	TU TH			116	L H
02786	LECT-DISC	O	11-1230	TU TH			116	L H
02787	LECT-DISC	Q	1230-2	TU TH			108	E B
02788	LECT-DISC	U	2-330	TU TH			108	E B

ENGL 116 MASTERPIECES OF AMERICAN LITERATURE.
3 HOURS.

02789	LECT-DISC	A	8	M	W	F	252	ADMIN
02790	LECT-DISC	B1	9	M	W	F	252	ADMIN
02791	LECT-DISC	B2	9	M	W	F	64	M E B
02792	LECT-DISC	C	10	M	W	F	241	ARMORY
02793	LECT-DISC	D	11	M	W	F	282	BEV HALL
02794	LECT-DISC	X1	12	M	W	F	144	BEV HALL
02795	LECT-DISC	X2	12	M	W	F	282	BEV HALL
02796	LECT-DISC	E1	1	M	W	F	337	ARMORY
02797	LECT-DISC	E2	1	M	W	F	116	L H
02798	LECT-DISC	F	2	M	W	F	144	BEV HALL
02799	LECT-DISC	G	3	M	W	F	108	E B
02800	LECT-DISC	L	8-930	TU TH			105	H H
02801	LECT-DISC	M	930-11	TU TH			108	E B
02802	LECT-DISC	O	11-1230	TU TH			108	E B
02803	LECT-DISC	Q	1230-2	TU TH			145	L H
02804	LECT-DISC	Z	330-5	TU TH			170	L H

ENGL 131 INTRODUCTION TO SHAKESPEARE.
PREREQUISITE: SOPHOMORE STANDING OR EXEMPTION FROM RHET. 102.
OR DESIGNATION AS AN EDMUND J. JAMES SCHOLAR.
3 HOURS.

02805	LECT-DISC	B1	9	M	W	F	241	ARMORY		
02806	LECT-DISC	B2	9	M	W	F	259	E B		
02807	LECT-DISC	C	10	M	W	F	142	ADMIN		
02808	LECT-DISC	D	11	M	W	F	388	L H		
02809	LECT-DISC	X	12	M	W	F	105	H H		
02810	LECT-DISC	E	1	M	W	F	102	L H		
02811	LECT-DISC	F	2	M	W	F	282	BEV HALL		
02812	LECT-DISC	G	3	M	W	F	282	BEV HALL		
02813	LECT-DISC	M	930-11		TU TH		137	ADMIN		
02814	LECT-DISC	O	11-1230		TU TH		137	ADMIN		

ENGL 196 FRESHMAN SEMINAR. II.
PREREQUISITE: ENGL. 195 AND JAMES SCHOLAR STANDING OR OTHER
DESIGNATION AS A SUPERIOR STUDENT.
4 HOURS.

02815	LECT-DISC	C	10-12		W	F	307	E B		WHEELER
02816	LECT-DISC	E	1-3	M	W		303	E B		HOTCH
02817	LECT-DISC	M	10-12		TU TH		309	E B		SCHNEIDER

ENGL 197 SOPHOMORE HONORS SEMINAR.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS
WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25. EXCEPT BY CONSENT
OF INSTRUCTOR.
3 HOURS.
STUDENTS MUST ENROLL IN HONORS OFFICE (203 ENGLISH BUILDING.)
*SECTION E TOPIC: EIGHTEENTH CENTURY IRONY (AREA III).
*SECTION G TOPIC: SEMANTICS: THE USES AND ABUSES OF LANGUAGE.

02818	LECT-DISC	*E	1-3			F	303	E B		HOTCH
02819	LECT-DISC	*G	3-5	M			243	ARMORY		NEMANICH.

ENGL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
*SECTIONS E1. E2. AND F2 TOPICS: FILM AS LITERATURE.
*SECTION X TOPIC: APPALACHIA. REQUIRES CONSENT OF INSTRUCTOR.

02820	CONF		ARR							
02822	LECT-DISC	*E1	1	M	W	F	23	PSYCH BLD		
		*E1	2		W		23	PSYCH BLD		
02823	LECT-DISC	*E2	1	M	W	F	119	E B		
		*E2	2		W		23	PSYCH BLD		
02824	LECT-DISC	*F1	2	M	W	F	23	PSYCH BLD		
		*F1	1		W		262	L H		
02825	LECT-DISC	*F2	2	M	W	F	119	E B		
		*F2	1		W		300	L H		
		*F2	2		W		23	PSYCH BLD		
02821	LECT-DISC	X	12	M	W	F	307	E B		WHISNANT

ENGL 215 PRACTICAL CRITICISM.
PREREQUISITE: NINE HOURS OF LITERATURE OR CONSENT OF INSTRUCTOR.
3 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

02833	LECT-DISC	*B1	9	MTUWTHF			242	ARMORY		PURAVS
02826	LECT-DISC	B2	9	M	W	F	433	ARMORY		WHEELER
02827	LECT-DISC	C	10	M	W	F	282	BEV HALL		SPONGBERG
02828	LECT-DISC	D	11	M	W	F	144	BEV HALL		SPONGBERG
02829	LECT-DISC	X	12	M	W	F	206	D K H		NELSON
02830	LECT-DISC	E	1	M	W	F	206	D K H		NELSON
02831	LECT-DISC	F	2	M	W	F	137	ADMIN		WHEELER
02832	LECT-DISC	R	1-230		TU TH		194	L H		KAUFMANN

ENGL 221 MEDIEVAL LITERATURE.
3 HOURS.

02834	LECT-DISC	D	11	M	W	F	241	ARMORY		FRIEDMAN
02835	LECT-DISC	N	11		TU		194	L H		WRIGHT
		N	10-12			TH	194	L H		

ENGL 231 SHAKESPEARE. I.
3 HOURS.

02836	LECT-DISC	B	9	M	W	F	108	E B		COLE
02837	LECT-DISC	C	10	M	W	F	108	E B		COLE
02838	LECT-DISC	E	1	M	W	F	205	E B		SPONGBERG
02839	LECT-DISC	Q	1230-2		TU TH		137	ADMIN		HINELY

ENGL 232 SHAKESPEARE. II.
3 HOURS.

02840	LECT-DISC	C	10	M	W	F	312	D K H		KLEIN
02841	LECT-DISC	D1	11	M	W	F	117	E B		KAY
02842	LECT-DISC	D2	11	M	W	F	312	D K H		KLEIN
02843	LECT-DISC	X1	12	M	W	F	243	ARMORY		MULLIN
02844	LECT-DISC	X2	12	M	W	F	117	E B		KAY
02845	LECT-DISC	X3	12	M	W	F	196	L H		NEELY
02846	LECT-DISC	E	1	M	W	F	223	E B		L. JACOBS
02847	LECT-DISC	F	2	M	W	F	223	E B		L. JACOBS
02848	LECT-DISC	G	3	M	W	F	138	ADMIN		MULLIN

ENGL 235 ENGLISH DRAMA PREVIOUS TO SHAKESPEARE.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

02849	LECT-DISC	B	9	M	W	F	201	E B		HOLADAY

ENGL 245 ENGLISH LITERATURE FROM 1688 TO 1789.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

02850	LECT-DISC	E	1	M	W	F	210B	E B		RHODES

ENGL 246 THE ENGLISH ROMANTIC POETS.
3 HOURS.

02851	LECT-DISC	D	11	M	W	F	116	L H		WILKIE

ENGL 251 GREAT NOVELISTS OF THE EIGHTEENTH CENTURY.
3 HOURS.

02852	LECT-DISC	F	2	M	W	F	210B	E B		RHODES

ENGL 252 GREAT ENGLISH NOVELISTS OF THE NINETEENTH CENTURY.
3 HOURS.

02853	LECT-DISC	E	1	M	W	F	108	E B		SZIROTNY
02854	LECT-DISC	F	2	M	W	F	116	L H		SZIROTNY

ENGL 253 GREAT FOREIGN NOVELISTS IN RELATION TO THE ENGLISH NOVEL.
3 HOURS.

02855	LECT-DISC	C	10	M	W		138	ADMIN		ADELMAN

ENGL 255 SURVEY OF AMERICAN LITERATURE. I.
*CREDIT IS NOT GIVEN FOR BOTH ENGL. 113 AND 255.
*3 HOURS.

02856	LECT-DISC	B	9	M	W	F	312	D K H		WATTS
02857	LECT-DISC	C	10	M	W	F	259	E B		HAMILTON
02858	LECT-DISC	D	11	M	W	F	196	L H		HAMILTON
02859	LECT-DISC	X	12	M	W	F	142	ADMIN		PURAVS
02860	LECT-DISC	F	2	M	W	F	337	ARMORY		PURAVS
02861	LECT-DISC	G	3	M	W	F	137	ADMIN		RUNYAN
02862	LECT-DISC	H	4	M	W	F	137	ADMIN		RUNYAN

ENGL 256 SURVEY OF AMERICAN LITERATURE. II.
*CREDIT IS NOT GIVEN FOR BOTH ENGL. 114 AND 256.
*3 HOURS.

02863	LECT-DISC	B1	9	M	W	F	209	E B		KINNAMON
02864	LECT-DISC	C1	10	M	W	F	209	E B		HODGINS
02865	LECT-DISC	C2	10	M	W	F	116	L H		CLUPPER
02866	LECT-DISC	D	11	M	W	F	108	E B		KINNAMON
02867	LECT-DISC	X	12	M	W	F	143	ADMIN		CARRINGER
02868	LECT-DISC	E	1	M	W	F	312	D K H		RUNYAN
02869	LECT-DISC	G	3-430	M	W		142	ADMIN		SMITH

ENGL 257 SURVEY OF ENGLISH LITERATURE. I.
PREREQUISITE: SENIOR STANDING.
3 HOURS.

02870	LECT-DISC	E	1	M	W	F	209	E B		A. KAUFMAN

ENGL 258 SURVEY OF ENGLISH LITERATURE.II.
PREREQUISITE: SENIOR STANDING.
3 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

02871	LECT-DISC	B	9	M	W	F	243	ARMORY		SIERACKI
02873	LECT-DISC	*E	1	MTUWTHF			117	E B		MATTHEWS
02872	LECT-DISC	F	2	M	W	F	138	ADMIN		WILSON

ENGL 260 AFRO-AMERICAN LITERATURE SINCE 1915.
3 HOURS.

02874	LECT	E	1	M W	106	L H		BARKSDALE
02875	DISC	E1	1	F	140	L H		
02876	DISC	E2	1	F	108	L H		
02877	DISC	F1	2	F	108	L H		
02878	DISC	F2	2	F	118	L H		

ENGL 264 VICTORIAN LITERATURE FROM 1859 TO 1901.
3 HOURS.

02879	LECT-DISC	F	2	TU TH	201	E B		SCHNEIDER
		F	3	TH	201	E B		SCHNEIDER

ENGL 271 MAJOR AMERICAN WRITERS.
2 HOURS.
*SECTION B TOPIC: HART CRANE AND WALLACE STEVENS.

02880	LECT-DISC	*B	9	M W	388	L H		WHISNANT

ENGL 273 POETRY SINCE 1920.
PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE OR CONSENT OF INSTRUCTOR.
3 HOURS.

02881	LECT-DISC	N	10-1130	TU TH	152	ADMIN		STONE

ENGL 281 DEVELOPMENT OF THE MODERN DRAMA, I.
3 HOURS.

02882	LECT-DISC	B	9	M W F	310	D K H		STOTTLAR
02883	LECT-DISC	D	11	M W F	138	ADMIN		STOTTLAR
02884	LECT-DISC	X	12	M W F	108	E B		ALLEN

ENGL 282 DEVELOPMENT OF THE MODERN DRAMA, II.
3 HOURS.

02885	LECT-DISC	C	10	M W F	196	L H		VAWTER
02886	LECT-DISC	D	11	M W F	221	G H		VAWTER
02887	LECT-DISC	F	2	M W F	201	E B		ALLEN
02888	LECT-DISC	G	3	M W F	201	E B		ALLEN

ENGL 284 ENGLISH LITERATURE IN THE TWENTIETH CENTURY, II.
3 HOURS.

02889	LECT-DISC	D	11	M W F	209	E B		E. BRANDABUR
02890	LECT-DISC	F	2	M W F	117	E B		A. BRANDABUR
02891	LECT-DISC	G	3	M W F	209	E B		A. BRANDABUR
02892	LECT-DISC	P	1	TU TH	242	ARMORY		STOKES
		P	2	TH	242	ARMORY		STOKES
02893	LECT-DISC	R	2	TU	242	ARMORY		STOKES
		R	3	TU TH	242	ARMORY		STOKES

ENGL 286 THE SHORT STORY, II.
PREREQUISITE: ONE COURSE IN ENGLISH OR AMERICAN LITERATURE.
3 HOURS.

02894	LECT-DISC	A	8	M W F	223	E B		BENNETT
02895	LECT-DISC	B1	9	M W F	144	BEV HALL		GUIBBORY
02896	LECT-DISC	B2	9	M W F	223	E B		BENNETT
02897	LECT-DISC	C	10	M W F	252	ADMIN		STOTTLAR
02898	LECT-DISC	D	11	M W F	252	ADMIN		DAVIS
02899	LECT-DISC	X1	12	M W F	209	E B		FUMENTO
02900	LECT-DISC	X2	12	M W F	201	E B		GUIBBORY
02901	LECT-DISC	E	1	M W F	252	ADMIN		DAVIS
02902	LECT-DISC	H	4-530	TU TH	117	E B		VANWALLEGHEN

ENGL 288 THE TWENTIETH CENTURY AMERICAN NOVEL.
3 HOURS.

02903	LECT-DISC	B	9	M W F	142	ADMIN		MOAKE
02904	LECT-DISC	C1	10	M W F	205	E B		ANDERSEN
02905	LECT-DISC	C2	10	M W F	223	E B		MOAKE
02906	LECT-DISC	D1	11	M W F	205	E B		ANDERSEN
02907	LECT-DISC	D2	11	M W F	201	E B		STUBBS
02908	LECT-DISC	X	12	M W F	138	ADMIN		SWANSON
02909	LECT-DISC	E	1	M W F	142	ADMIN		SWANSON
02910	LECT-DISC	F	2	M W F	252	ADMIN		SWANSON
02911	LECT-DISC	R	2	TU TH	117	E B		SCOUFFAS
		R	3	TU	117	E B		SCOUFFAS

ENGL 293 INDEPENDENT STUDY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS OF CREDIT.
*3 HOURS.

02912	CONF		ARR						

ENGL 296 JUNIOR HONORS SEMINAR, II.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.
ENROLLMENT IN HONORS OFFICE (203 ENGLISH BUILDING) NECESSARY.
*SECTION &E TOPIC: POETRY SINCE 1965.
*SECTION &G TOPIC: MOLIERE AND ENGLISH RESTORATION COMEDY (AREA III).
*SECTION &C TOPIC: THE ARTS IN THE 20'S.
*SECTION &L TOPIC: THE USES OF THE PASTORAL: SPENSER - FROST.

02913	LECT-DISC *&E	1-3		TH	102B	E	B		MARDER
02914	LECT-DISC *&G	3-5	M		303	E	B		A. KAUFMAN
02915	LECT-DISC *&C	9-11		TU	307	E	B		WATTS
02916	LECT-DISC *&L	9-11		TH	303	E	B		NEELY

ENGL 297 SENIOR HONORS SEMINAR.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.
ENROLLMENT IN HONORS OFFICE (203 ENGLISH BUILDING) NECESSARY.
*SECTION &D1 TOPIC: WILLIAM FAULKNER.
*SECTION &D2 TOPIC: GEORGE ELIOT.

02917	LECT-DISC *&D1	11-1		F	303	E	B		MOAKE
02918	LECT-DISC *&D2	11-1	W		303	E	B		SZIROTNY

ENGL 298 SENIOR HONORS TUTORIAL.
PREREQUISITE: RESTRICTED TO ENGLISH AND ENGLISH EDUCATION MAJORS WITH A UNIVERSITY GRADE POINT AVERAGE OF 4.25, EXCEPT BY CONSENT OF INSTRUCTOR.
3 HOURS.

02919	CONF		ARR						

ENGL 303 HISTORICAL INTRODUCTION TO THE ENGLISH LANGUAGE.
PREREQUISITE: ENGL. 386.
3 HOURS OR 3/4 UNIT.
LANGUAGE LABORATORY.

02920	LECT-DISC	B	9	M	W	F	137	ADMIN		CABLE
02921	LECT-DISC	X	12	M	W	F	137	ADMIN		CABLE

ENGL 310 LITERATURE FOR THE HIGH SCHOOL.
3 HOURS OR 3/4 UNIT.

02922	LECT-DISC	B	9	M	W	F	117	E	B	MATTHEWS
02923	LECT-DISC	C	10	M	W	F	117	E	B	MATTHEWS
02924	LECT-DISC	X	12	M	W	F	147	ARMORY		HOETKER

ENGL 311 CHAUCER.
3 HOURS OR 3/4 UNIT.

02925	LECT-DISC	D	11	M	W	F	194	L	H	STILLWELL
02926	LECT-DISC	X	12	M	W	F	205	E	B	TRAHERN

ENGL 326 SPENSER AND HIS CONTEMPORARIES.
PREREQUISITE: SIX HOURS OF ENGLISH LITERATURE.
3 HOURS OR 3/4 UNIT.

02927	LECT-DISC	F	2	M	W	F	108	E	B	KLEIN

ENGL 336 ENGLISH DRAMA EXCLUSIVE OF SHAKESPEARE.
3 HOURS OR 3/4 UNIT.

02928	LECT-DISC	D	11	M	W	F	105	H	H	SHAPIRO

ENGL 338 TRAGEDY.
3 HOURS OR 3/4 UNIT.

02929	LECT-DISC	X	12	M	W	F	223	E	B	HURT

ENGL 342 THE POETRY OF MILTON.
3 HOURS OR 3/4 UNIT.

02930	LECT-DISC	G	3	M	W	F	223	E	B	L. JACOBS

ENGL 345 THE METAPHYSICAL POETS.
3 HOURS OR 3/4 UNIT.

02931	LECT-DISC	E	1	M W F	201	E B	VAWTER

ENGL 349 DR. JOHNSON AND HIS CIRCLE.
3 HOURS OR 3/4 UNIT.

02932	LECT-DISC	C	10	M W F	201	E B	NOBLE

ENGL 351 THE MID-VICTORIAN NOVEL.
3 HOURS OR 3/4 UNIT.

02933	LECT-DISC	C	10	M W F	137	ADMIN	BENNETT

ENGL 352 AMERICAN LITERATURE: IRVING TO WHITMAN.
3 HOURS OR 3/4 UNIT.

02934	LECT-DISC	F	2	M W F	205	E B	ANDEKSEN

ENGL 359 THE INTERNATIONAL FOLK TALE.
SAME AS C. LIT. 359.
3 HOURS OR 3/4 UNIT.

02935	LECT-DISC	D	11	M W F	223	E B	FLANAGAN

ENGL 360 THE POPULAR BALLAD AND THE FOLK SONG IN THE UNITED STATES.
3 HOURS OR 3/4 UNIT.

02936	LECT-DISC	E	1	M W F	138	ADMIN	A. GREEN

ENGL 370 THEORY AND PRACTICE OF WRITTEN COMPOSITION.
3 HOURS OR 3/4 UNIT.

02937	LECT-DISC	B	9	M W F	205	E B	HOLMES
02938	LECT-DISC	E	1	MTUWTHF	307	E B	NEMANICH
02939	LECT-DISC	G	3-5	M	140	L H	FILLION
02940	LECT-DISC	H	4-530	M W	119	E B	O'DONNELL

ENGL 378 MODERN AMERICAN AND BRITISH FICTION IN ITS EUROPEAN BACKGROUND
PREREQUISITE: TWO COLLEGE-LEVEL LITERATURE COURSES.
3 HOURS OR 3/4 UNIT.

02941	LECT-DISC	D	11	M W F	137	ADMIN	ADELMAN

ENGL 381 THEMES AND MOVEMENTS IN BRITISH LITERATURE.
PREREQUISITE: SIX HOURS OF ENGLISH OR AMERICAN LITERATURE.
3 HOURS OR 3/4 UNIT.
*SECTION C TOPIC: THE STRONG LINE IN EARLY 17TH CENTURY POETRY.
*SECTION F TOPIC: ENGLISH SOCIAL COMEDY FROM DRYDEN TO SHERIDAN.

02942	LECT-DISC	*C	10	M W F	140	ADMIN	CLARK
02943	LECT-DISC	*F	2	M W F	209	E B	A. KAUFMAN

ENGL 382 THE PLAYS OF BERNARD SHAW.
3 HOURS OR 3/4 UNIT.

02944	LECT-DISC	G	3	M W F	205	E B	SHATTUCK

ENGL 385 THEMES AND MOVEMENTS IN AMERICAN LITERATURE.
3 HOURS OR 3/4 UNIT.
*SECTION B TOPIC: THE LITERARY MILIEU OF THE 1920'S.

02945	LECT-DISC	*B	9	M W F	140	ADMIN	HODGINS

ENGL 386 MODERN ENGLISH GRAMMAR AND USAGE.
3 HOURS OR 3/4 UNIT.
*SECTION B: EMPHASIS ON PRACTICAL GRAMMAR AND CONCISE USAGE.
*SECTIONS C, D, AND X: TRANSFORMATIONAL GRAMMAR.

02946	LECT-DISC	*B	9	M W F	309	E B	TIBBETTS
02947	LECT-DISC	*C	10	M W F	194	L H	BOUTON
02948	LECT-DISC	*D	11	M W F	140	ADMIN	CABLE
02949	LECT-DISC	*X	12	M W F	242	ARMORY	NEMANICH

ENGL 387 THE STRUCTURE OF ENGLISH.
SAME AS LING. 387.
3 HOURS OR 3/4 UNIT.

02950	LECT-DISC		1	M W F	1030	F L B	G. GREEN

ENGL 392 TYPOGRAPHIC DISCIPLINES OF THE BOOK.
SAME AS JOURN. AND LIB. S. 310.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

02951	LECT-DISC		ARR			

ENGL 402 OLD ENGLISH--BEOWULF.
PREREQUISITE: ENGL. 401.
1 UNIT.

02952	LECT-DISC G1	3-530	W	102D	E B	CAMPBELL

ENGL 405 MIDDLE ENGLISH.
1 UNIT.

02953	LECT-DISC G	3-530	TH	102D	E B	CAMPBELL

ENGL 408 STUDIES IN CHAUCER AND HIS TIMES. II
1 UNIT.

02954	LECT-DISC F	2-4	W	241	ARMORY	FRIEDMAN

ENGL 412 STUDIES IN SIXTEENTH CENTURY LITERATURE. II.
1 UNIT.

02955	LECT-DISC G	3-5	M	102D	E B	MILLIGAN

ENGL 413 STUDIES IN SHAKESPEARE.
1 UNIT.
*SECTION M1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION M2.

02956	LECT-DISC *M1	10-12	TH	309	LIB	HINELY
02957	LECT-DISC *M2	10-12	TH	309	LIB	HINELY

ENGL 418 STUDIES IN SEVENTEENTH CENTURY POETRY AND MILTON. 1640-1700.
1 UNIT.
*SECTION L1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION L2.

02958	LECT-DISC *L1	9	TU TH	309	LIB	MILO KAUFMANN
02959	LECT-DISC *L2	9	TU TH	309	LIB	MILO KAUFMANN

ENGL 422 STUDIES IN EIGHTEENTH CENTURY LITERATURE. II.
1 UNIT.
*SECTION E1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION E2.

02960	LECT-DISC *E1	1-3	M	102D	E B	NOBLE
02961	LECT-DISC *E2	1-3	M	102D	E B	NOBLE

ENGL 423 STUDIES IN THE EIGHTEENTH CENTURY NOVEL.
1 UNIT.
*SECTION B1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION B2.

02962	LECT-DISC *B1	9-11	W	309	LIB	HOTCH
02963	LECT-DISC *B2	9-11	W	309	LIB	HOTCH

ENGL 427 STUDIES IN THE ROMANTIC MOVEMENT. I.
SAME AS C. LIT. 452.
1 UNIT.
*SECTION X1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION X2.

02964	LECT-DISC *X1	12	M W	309	LIB	WILKIE
02965	LECT-DISC *X2	12	M W	309	LIB	WILKIE

ENGL 428 STUDIES IN THE ROMANTIC MOVEMENT. II.
SAME AS C. LIT. 455.
1 UNIT.
*SECTION G1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION G2.

02966	LECT-DISC *G1	3	M W	307	E B	WALDOFF
02967	LECT-DISC *G2	3	M W	307	E B	WALDOFF

ENGL 431 STUDIES IN VICTORIAN LITERATURE I.
1 UNIT.
*SECTION G1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION G2.

02968	LECT-DISC *G1	3-5	W	116	L H	BARKSDALE
02969	LECT-DISC *G2	3-5	W	116	L H	BARKSDALE

ENGL 432 STUDIES IN VICTORIAN LITERATURE II.
1 UNIT.
*SECTION E1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

02970	LECT-DISC *E1	1	TU TH	240	L H	SMALLEY
02971	LECT-DISC *E2	1	TU TH	240	L H	SMALLEY

ENGL 434 MAJOR MOVEMENTS IN MODERN BRITISH FICTION.
1 UNIT.
*SECTION E1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

02972	LECT-DISC *E1	1-3	TU	102D	E B	MARDER
02973	LECT-DISC *E2	1-3	TU	102D	E B	MARDER

ENGL 438 STUDIES IN AMERICAN LITERATURE AFTER 1800.
PREREQUISITE: SURVEY COURSE IN AMERICAN LITERATURE OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION C1 TOPIC: WRIGHT, ELLISON AND BALDWIN.
*SECTION G1 TOPIC: WOMEN IN AMERICAN FICTION.
*SECTIONS C1 AND G1 ARE FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS C2 AND G2.

02974	LECT-DISC *C1	10	W F	102D	E B	KINNAMON
02976	LECT-DISC *C2	10	W F	102D	E B	KINNAMON
02975	LECT-DISC *G1	3-5	TH	210B	E B	BAYM
02977	LECT-DISC *G2	3-5	TH	210B	E B	BAYM

ENGL 442 STUDIES IN RECENT LITERARY THEORY.
1 UNIT.
*SECTION G1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION G2.

02978	LECT-DISC *G1	3	W F	303	E B	NELSON
02979	LECT-DISC *G2	3	W F	303	E B	NELSON

ENGL 444 STUDIES IN MODERN DRAMA.
1 UNIT.
*SECTION E1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION E2.

02980	LECT-DISC *E1	1	M W	194	L H	SHATTUCK
02981	LECT-DISC *E2	1	M W	194	L H	SHATTUCK

ENGL 447 BACKGROUND MATERIALS FOR HIGH SCHOOL TEACHERS OF ENGLISH.
1 UNIT.
*SECTION V1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION V2.

02982	LECT-DISC *V1	5-7	TU	CENTR ADV STUDY	PURVES
02983	LECT-DISC *V2	5-7	TU	CENTR ADV STUDY	PURVES

ENGL 448 LITERARY ANALYSIS FOR TEACHERS OF ENGLISH.
PREREQUISITE: TEACHING EXPERIENCE.
1 UNIT.
TOPIC: LITERARY THEORY AND THE TEACHING OF ENGLISH.
*SECTION C1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION C2.

02984	LECT-DISC *C1	10-12	M	309	LIB	HOETKER
02985	LECT-DISC *C2	10-12	M	309	LIB	HOETKER

ENGL 450 PROBLEMS IN BIBLIOGRAPHICAL METHOD.
SAME AS LIB. S. 440.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
TOPIC: PROBLEMS IN LITERARY TEXTS, PRINTED BOOKS, RARE BOOKS, AND MANUSCRIPTS.

02986	LECT-DISC H	4-6	TU	194	L H	BERRY

ENGL 457 PROBLEMS IN MEDIEVAL LITERATURE.
1 UNIT.
*SECTION F1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION F2.

02987	LECT-DISC *F1	2-4	M	241	ARMORY	FRIEDMAN
02988	LECT-DISC *F2	2-4	M	241	ARMORY	FRIEDMAN

ENGL 458 PROBLEMS IN SIXTEENTH-CENTURY LITERATURE.
PREREQUISITE: A GRADUATE COURSE IN 16TH CENTURY LITERATURE
OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION M1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION M2.

02989	LECT-DISC *M1	10-12	TH	102D E B		MILLIGAN
02990	LECT-DISC *M2	10-12	TH	102D E B		MILLIGAN

ENGL 462 PROBLEMS IN TUDOR DRAMA.
1 UNIT.
*SECTION D1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION D2.

02991	LECT-DISC *D1	11	W F	309 LIB		HOLADAY
02992	LECT-DISC *D2	11	W F	309 LIB		HOLADAY

ENGL 463 PROBLEMS IN SHAKESPEARE.
1 UNIT.
*SECTION E1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION E2.

02993	LECT-DISC *E1	1-3	W	102D E B		COLE
02994	LECT-DISC *E2	1-3	W	102D E B		COLE

ENGL 464 PROBLEMS IN ELIZABETHAN DRAMA.
1 UNIT.
TOPIC: BEN JONSON - THE PLAYWRIGHT AS HUMANIST.
*SECTION L1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION L2.

02995	LECT-DISC *L1	9-11	TU	241 ARMORY		KAY
02996	LECT-DISC *L2	9-11	TU	241 ARMORY		KAY

ENGL 467 PROBLEMS IN MILTON AND HIS AGE.
PREREQUISITE: ENGL. 342 OR 418 OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION M1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION M2.

02997	LECT-DISC *M1	10-12	TU	309 LIB		MILO KAUFMANN
02998	LECT-DISC *M2	10-12	TU	309 LIB		MILO KAUFMANN

ENGL 479 PROBLEMS IN VICTORIAN LITERATURE.
PREREQUISITE: ENGL. 431 OR 432. OR CONSENT OF INSTRUCTOR
1 UNIT.
*SECTION E1 IS FOR ENGLISH AMJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION E2.

02999	LECT-DISC *E1	1	M W	259 E B		SMALLEY
03000	LECT-DISC *E2	1	M W	259 E B		SMALLEY

ENGL 480 THE ENGLISH NOVEL IN TRANSITION, 1890-1914.
1 UNIT.

03001	LECT-DISC G	3	M W	309 E B		WILSON

ENGL 484 PROBLEMS IN TWENTIETH CENTURY ENGLISH LITERATURE.
PREREQUISITE: CONSENT OF INSTRUCTOR, OR A SURVEY OF ENGLISH
LITERATURE.
1 UNIT.
*SECTION G1 IS FOR ENGLISH MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION G2.

03002	LECT-DISC *G1	3-5	TU	102D E B		E. BRANDABUR
03003	LECT-DISC *G2	3-5	TU	102D E B		E. BRANDABUR

ENGL 488 PROBLEMS IN AMERICAN LITERATURE AND CULTURE.
PREREQUISITE: A SURVEY OF AMERICAN LITERATURE OR CONSENT OF
INSTRUCTOR.
*STUDENTS MAY REPEAT COURSE FOR CREDIT.
*1 UNIT.
SECTION F1 TOPIC: PURITAN MYSTICISM FROM EDWARDS TO EMERSON.
SECTION E TOPIC: WALT WHITMAN.
SECTION H TOPIC: FAULKNER AND HEMINGWAY.

03004	LECT-DISC F1	2-4	TU	307 E B		DAVIDSON
03005	LECT-DISC E	1-3	F	102D E B		HENDRICK
03006	LECT-DISC H	4-6	F	102D E B		FLANAGAN

ENGL 491 RESEARCH IN SPECIAL TOPICS.
*THIS COURSE MAY BE REPEATED FOR A TOTAL OF TWO UNITS
*1 UNIT.

03007	CONF	X	ARR	STAFF
03008	CONF	Y	ARR	STAFF

ENGL 493 PROFESSIONAL SEMINAR IN TEACHING LITERATURE.
1 UNIT.
SECTION G FOR TEACHERS OF ENGLISH 116.
SECTION H FOR TEACHERS OF ENGLISH 102.

03009	CONF	*G	ARR	HODGINS
03010	CONF	*H	ARR	HURT

ENGL 497 INDEPENDENT READING.
PREREQUISITE: CONSENT OF INSTRUCTOR OF REQUISITE 300 LEVEL COURSE.
*STUDENTS MAY ACCUMULATE 1/2 UNIT.
*1/4 UNIT.

03011	CONF		ARR
03012	CONF	X	ARR

ENGL 499 THESIS RESEARCH.
0 TO 4 UNITS.
INSTRUCTORS: ALTENBERND, BAYM, BERRY, BRANDABUR, CAMPBELL, CURLEY, DAVIDSON, FLANAGAN, HENDRICK, HOLADAY, HURT, J. M. KAUFMANN, KINNAMON, KRAMER, MARDER, MILLIGAN, NELSON, PURVES, SANDERS, SHATTUCK, SMALLEY, STILLINGER, WILKIE, AND WILSON.

03013	CONF		ARR

ENTOMOLOGY

DEPARTMENT OFFICE 320 MOR HALL

MAJOR: THIS PROGRAM IS DESIGNED FOR STUDENTS WHO WISH TO SPECIALIZE IN ENTOMOLOGY AS PREPARATION FOR PROFESSIONAL WORK IN THIS AREA OR SUBSEQUENT GRADUATE STUDY.

STUDENTS MUST COMPLETE A MAJOR CONSISTING OF BIOLOGY 110, 111, ENTOMOLOGY 301, 302 (SUMMER), AND AN ADDITIONAL ELEVEN HOURS OF COURSES AT THE 200 OR 300 LEVEL OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES, CHOSEN IN CONSULTATION WITH THE ADVISOR. STUDENTS ARE ALSO REQUIRED TO COMPLETE A YEAR OF PHYSICS, CHEMISTRY THROUGH ORGANIC, A COURSE IN STATISTICS, AND MATHEMATICS THROUGH MATHEMATICS 120 OR EQUIVALENT. IN ADDITION, EACH STUDENT IS STRONGLY ENCOURAGED TO CARRY ON A PROGRAM OF RESEARCH WITH A MEMBER OF THE DEPARTMENT OR AN ENTOMOLOGIST AT THE STATE NATURAL HISTORY SURVEY.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: AGRONOMY, BOTANY, CHEMISTRY, HORTICULTURE, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, AND ZOOLOGY.

ENTOM 101 AGRICULTURAL ENTOMOLOGY.
3 HOURS.

03014	LECT		10	M W	193	E C		WALDBAUER
03015	LAB	A	10-12	F	201	H H		
03016	LAB	B	10-12	TH	201	H H		

ENTOM 103 LIFE OF INSECTS.
4 HOURS.

03017	LECT	1	10	TU TH	112	C A		PRICE
03018	LECT	2	11	TU TH	112	C A		
03019	LAB	A	8-10	M W	309	H H		
03020	LAB	B	10-12	M W	309	H H		
03021	LAB	C	12-2	M W	309	H H		
03022	LAB	D	2-4	M W	309	H H		
03023	LAB	E	4-6	M W	309	H H		
03024	LAB	F	8-10PM	TU TH	309	H H		
03025	LAB	G	10-12	TU TH	309	H H		
03026	LAB	H	12-2	TU TH	309	H H		
03027	LAB	I	2-4	TU TH	309	H H		
03028	LAB	J	4-6	TU TH	309	H H		

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ENTOM 199      UNDERGRADUATE OPEN SEMINAR.
        *MAY BE REPEATED.
        *0 TO 9 HOURS.
      03029      CONF                ARR


ENTOM 301      INTRODUCTION TO ENTOMOLOGY.
               SAME AS ZOOL. 301.
        PREREQUISITE: BIOL. 111 AND CHEM. 131 AND CONSENT OF INSTRUCTOR.
        5 HOURS OR 1 UNIT.
      03030      LECT                1        M  W  F    408  N H B        FRIEDMAN,
      03031      LAB        A        2-5      M  W       405  N H B        MACLEOD,
      03032      LAB        B        1-4       TU TH     405  N H B        AND STERNBURG


ENTOM 306      SPECIAL PROBLEMS.
        PREREQUISITE: CONSENT OF INSTRUCTOR.
        2 TO 5 HOURS. OR 1/4 TO 1 UNIT.
      03033      CONF                ARR                                   STAFF


ENTOM 322      INSECT BIONOMICS.
        PREREQUISITE: ENTOM. 103 OR 302, OR ZOOL. 320, AND CONSENT OF
        INSTRUCTOR.
        4 HOURS OR 1 UNIT.
      03034      LECT                1        M  W       407  MOR HALL     HORSFALL
                 LAB                 2-4      M  W       407  MOR HALL     HORSFALL


ENTOM 420      CHEMISTRY AND TOXICOLOGY OF INSECTICIDES.
        PREREQUISITE: ONE YEAR OF BIOLOGY OR EQUIVALENT IN ANIMAL
        SCIENCE, ORGANIC CHEMISTRY, AND CONSENT OF INSTRUCTOR.
        1 UNIT.
      03035      LECT                2         TU TH     136  BUR HALL     METCALF,BOOTH
                 LAB                 3-5       TU TH     103  H H          AND STERNBURG


ENTOM 422      INSECT PHYSIOLOGY.
        PREREQUISITE: ENTOM. 302 AND 410, ORGANIC CHEMISTRY, AND CONSENT
        OF INSTRUCTOR.
        1 UNIT.
      03036      LECT-DISC           10-12     TU TH     408  N H B        FRIEDMAN,
                 LAB                 ARR                 405  N H B        LARSEN AND
                                                                           WILLIS


ENTOM 423      INSECT BEHAVIOR.
        PREREQUISITE: ENTOM. 301 OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
        1 UNIT.
      03037      LECT                9        M  W       407  MOR HALL     WALDBAUER
                 LAB                 1-5            F    407  MOR HALL     WALDBAUER


ENTOM 426      SEMINAR IN ENTOMOLOGY.
        PREREQUISITE: CONSENT OF INSTRUCTOR.
        *MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.
        *0 OR 1/4 UNIT.
      03038      LECT                ARR                                   STAFF


ENTOM 499      THESIS--RESEARCH.
        0 TO 4 UNITS.
        WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
        A--MORPHOLOGY AND EMBRYOLOGY OF INSECTS  LARSEN, MACLEOD, STERNBURG
        B--APPLIED AND MEDICAL ENTOMOLOGY        HORSFALL, KEARNS, LUCKMANN
                                                 METCALF
        C--SYSTEMATIC ENTOMOLOGY                 LABERGE, MACLEOD
                                                 SELANDER, STANNARD
        D--BIOLOGY AND ECOLOGY OF INSECTS        GHENT, HORSFALL, JAYCOX
                                                 PRICE, WALDBAUER
        E--INSECT PHYSIOLOGY & TOXICOLOGY        FRAENKEL, FRIEDMAN,
                                                 KEARNS, LARSEN, METCALF,
                                                 STERNBURG, WALDBAUER,
                                                 WILLIS
      03039      CONF                ARR
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FINE AND APPLIED ARTS

DEPARTMENT OFFICE 114 ARCH

F A A 100 LANGUAGE AND DESIGN. I.
C TO 6 HOURS.
03040 CONF ARR

F A A 101 LANGUAGE AND DESIGN. II.
PREREQUISITE: F. A. A. 100.
0 TO 6 HOURS.
03041 CONF ARR

F A A 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
03042 CONF ARR

FINANCE

DEPARTMENT OFFICE 340 COM W

REQUIREMENTS FOR L. A. S. STUDENTS
MAJOR: TWENTY HOURS IN FINANCE. A FINANCE MAJOR WHO CHOOSES ECONOMICS AS A MINOR MUST INCLUDE ALSO TWELVE HOURS IN A SECOND MINOR.

ECON. 108 OR ECON. 102 AND 103. ARE FUNDAMENTAL COURSES IN ECONOMICS AND ARE PREREQUISITES FOR COURSES IN FINANCE. STUDENTS WHO EXPECT TO DO ADVANCED WORK IN FINANCE SHOULD TAKE ECON. 108. OR ECON. 102 AND 103. IN THEIR SOPHOMORE YEAR. LIBERAL ARTS MAJORS IN FINANCE ARE ADVISED STRONGLY TO ELECT ACCY. 201 AND A COURSE IN STATISTICS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS. WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY. ECONOMICS. GEOGRAPHY. GEOLOGY. HISTORY. LAW. MATHEMATICS. PHILOSOPHY. POLITICAL SCIENCE. PSYCHOLOGY. SOCIOLOGY. THE CURRICULUM IN LATIN-AMERICAN STUDIES IS ACCEPTED AS A MINOR.

FIN 150 MONEY. CREDIT. AND BANKING.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

03043	LECT-DISC	A	8	M	W	F	123	D	K	H
03044	LECT-DISC	B	9	M	W	F	123	D	K	H
03045	LECT-DISC	C	10	M	W	F	123	D	K	H
03046	LECT-DISC	D	11	M	W	F	317	D	K	H
03047	LECT-DISC	E	1	M	W	F	123	D	K	H
03048	LECT-DISC	X	12	M	W	F	123	D	K	H

FIN 252 BANKING PRACTICE IN THE UNITED STATES.
PREREQUISITE: FIN. 150 AND 254.
3 HOURS.

03049	LECT-DISC	F	2	M	W	F	219	D	K	H
03050	LECT-DISC	G	3	M	W	F	219	D	K	H

FIN 253 INVESTMENT BANKING.
PREREQUISITE: FIN. 150 AND 254.
3 HOURS.

03051	LECT-DISC	B	9	M	W	F	219	D	K	H
03052	LECT-DISC	C	10	M	W	F	219	D	K	H

FIN 254 AN INTRODUCTION TO BUSINESS FINANCIAL MANAGEMENT.
PREREQUISITE: ACCY. 105 OR 201. FIN. 150.
CREDIT OR REGISTRATION IN ECON. 172.
*CREDIT IS NOT GIVEN FOR BOTH FIN. 254 AND FIN. 257.
*3 HOURS.

03053	LECT-DISC	A	8	M	W	F	219	D K H		
03054	LECT-DISC	E	1	M	W	F	219	D K H		
03055	LECT-DISC	F	2	M	W	F	123	D K H		
03056	LECT-DISC	G	3	M	W	F	123	D K H		
03057	LECT-DISC	X1	12	M	W	F	219	D K H		
03058	LECT-DISC	X2	12	M	W	F	28	COM W		
03059	LECT-DISC	L	8-10	TU			123	D K H		
		L	9		TH		123	D K H		
03060	LECT-DISC	M	10	TU			28	COM W		
		M	9-11		TH		28	COM W		
03061	LECT-DISC	N	10-12	TU			123	D K H		
		N	10		TH		123	D K H		
03062	LECT-DISC	P	11	TU			28	COM W		
		P	11-1		TH		28	COM W		
03063	LECT-DISC	Q	12-2	TU			219	D K H		
		Q	12		TH		219	D K H		
03064	LECT-DISC	R	1-3	TU			123	D K H		
		R	1		TH		123	D K H		
03065	LECT-DISC	S	2-4	TU			219	D K H		
		S	2		TH		219	D K H		

FIN 257 CORPORATION FINANCE.
FOR NON-COMMERCE STUDENTS ONLY.
PREREQUISITE: ECON. 103 OR 108.
CREDIT IS NOT GIVEN FOR BOTH FIN. 257 AND FIN. 254.
3 HOURS.

03066	LECT-DISC	D	11	M	W	F	219	D K H		OSBORN
03067	LECT-DISC	N	10-12	TU			219	D K H		OSBORN
		N	11		TH		219	D K H		OSBORN

FIN 259 INVESTMENT.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

03068	LECT-DISC	C	10	M	W	F	28	COM W		
03069	LECT-DISC	D	11	M	W	F	226	COM W		
03070	LECT-DISC	E	2	M	W	F	28	COM W		
03071	LECT-DISC	X	12	M	W	F	226	COM W		
03072	LECT-DISC	M	8-10	TU			219	D K H		
		M	9		TH		219	D K H		
03073	LECT-DISC	N	10-12	TU			226	COM W		
		N	11		TH		226	COM W		

FIN 260 ECONOMICS OF INSURANCE.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

03074	LECT-DISC	B	9	M	W	F	226	COM W		

FIN 262 LIFE INSURANCE.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS.

03075	LECT-DISC	A	8	M	W	F	114	D K H		
03076	LECT-DISC	B	9	M	W	F	317	D K H		
03077	LECT-DISC	L	8-10	TU			226	COM W		
		L	8		TH		226	COM W		
03078	LECT-DISC	N	10-12	TU			317	D K H		
		N	10		TH		317	D K H		

FIN 295 SENIOR RESEARCH.
PREREQUISITE: SENIOR STANDING.
2 TO 4 HOURS.

03079	LECT-DISC	UTU	4-6	TU			317	D K H		

FIN 357 FINANCING SMALL BUSINESS.
PREREQUISITE: FIN. 254 OR 257.
3 HOURS. OR 1/2 TO 1 UNIT.

03080	LECT-DISC	C	10	M	W	F	226	COM W		OSBORN

FIN 359 SECURITIES ANALYSIS.
PREREQUISITE: ACCY. 108--FIN. 254.
3 HOURS. OR 1/2 TO 1 UNIT.

03081	LECT-DISC	A	8	M	W	F	226	COM W		
03082	LECT-DISC	C	10	M	W	F	317	D K H		
03083	LECT-DISC	D	11	M	W	F	123	D K H		

FIN 363 SEMINAR IN LIFE AND HEALTH INSURANCE.
3 HOURS. OR 1/2 TO 1 UNIT.

03084	LECT-DISC	N	2-4	TU		28	COM W		MEHR
		N	2		TH	28	COM W		MEHR

FIN 364 FUNDAMENTALS OF REAL ESTATE AND URBAN ECONOMICS.
PREREQUISITE: SIX HOURS OF ECONOMICS AND A COURSE IN POLITICAL SCIENCE OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 TO 1 UNIT.

03085	LECT-DISC	B	9	M W F		28	COM W		GUNTERMANN
03086	LECT-DISC	E	1	M W F		28	COM W		GUNTERMANN

FIN 366 VALUATION THEORY AND METHODS.
PREREQUISITE: FIN. 364 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 TO 1 UNIT.

03087	LECT-DISC	D	11	M W F		28	COM W		COOPER

FIN 371 SEMINAR IN PROPERTY AND LIABILITY INSURANCE.
3 HOURS. OR 1/2 TO 1 UNIT.

03088	LECT-DISC	E	1	M W F		317	D K H		FORBES

FIN 425 THE MONEY MARKET AND FINANCIAL STABILIZATION.
PREREQUISITE: FIN. 150.
1 UNIT.

03089	LECT-DISC	STH	2-4		TH	317	D K H		ARLT

FIN 450 THEORY OF FINANCIAL MANAGEMENT.
PREREQUISITE: FIN. 254. OR THE EQUIVALENT: MATH. 132. OR THE EQUIVALENT: ECON. 470. OR THE EQUIVALENT.
1 UNIT.

03090	LECT-DISC	STU	2-4	TU		317	D K H		LINKE

FIN 452 INVESTMENT BEHAVIOR.
PREREQUISITE: MATH. 134 OR EQUIVALENT. ECON. 470 OR EQUIVALENT.
1 UNIT.

03091	LECT-DISC	FMW	2-330	M W		317	D K H		GENTRY

FIN 455 CORPORATION FINANCE.
PREREQUISITE: FIN. 254.
1 UNIT.

03092	LECT-DISC	FF	2-4		F	317	D K H		LEONARD

FIN 460 THEORY OF INSURANCE.
1 UNIT.

03093	LECT-DISC	LTU	8-10	TU		28	COM W		MEHR

FIN 469 PROBLEMS AND POLICIES IN URBAN ECONOMICS.
PREREQUISITE: FIN. 364. 468. OR CONSENT OF INSTRUCTOR.
1 UNIT.

03094	LECT-DISC	GM	3-5	M		28	COM W		COOPER

FIN 490 INDIVIDUAL STUDY AND RESEARCH.
1/2 TO 1 UNIT.

03095	CONF		ARR						

FIN 499 THESIS RESEARCH.
0 TO 4 UNITS.

03096	LECT-DISC	HW	4-6	W		317	D K H		
03097	LECT-DISC	UTH	4-6		TH	317	D K H		

DEPARTMENT OFFICE 567 BEVIER HALL

F S 101 FOOD IN MODERN SOCIETY.
3 HOURS.

03098	LECT-DISC		9	M W F	203	D M B		TUCKEY STEINBERG

F S 202 SENSORY EVALUATION OF FOODS.
3 HOURS.

03099	LECT		3	M F	203	D M B		TOBIAS
	LAB		3-5	W	105	D M B		

F S 206 INSPECTION TRIP.
PREREQUISITE: JUNIOR STANDING IN FOOD SCIENCE, OR CONSENT OF DEPARTMENT.
A THREE TO FOUR DAY FIELD TRIP REQUIRED OF ALL SENIORS IN FOOD SCIENCE. ESTIMATED EXPENSE, $35.
NO CREDIT.

03100	LAB		ARR					STAFF

F S 213 FOOD ANALYSIS. I.
PREREQUISITE: CHEM. 102.
3 HOURS.

03101	LECT		9	F	240	AGR ENG		TOBIAS
	LAB		9-12	M W	208	D M B		TOBIAS

F S 300 SPECIAL PROBLEMS.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR MUST BE OBTAINED PRIOR TO ENROLLMENT. THIS COURSE IS NOT OPEN TO UNDERGRADUATES WHO ARE ON PROBATION.
*MAXIMUM OF 2 UNITS ALLOWABLE CREDIT.
*1 TO 5 HOURS, OR 3/4 TO 1 1/2 UNITS.
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

03102	CONF	A	ARR					STAFF
03103	CONF	&B	ARR					STAFF

F S 308 FOOD PLANT MANAGEMENT.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

03104	LECT		10	M W F	203	D M B		WILSON

F S 310 DAIRY PRODUCTS PROCESSING.
PREREQUISITE: F. S. 213, 260, OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 1/4 UNITS.

03105	LECT		8	M W F	203	D M B		HETRICK,
	LAB		8-11	TU TH	208	D M B		TOBIAS

F S 315 FOOD CHEMISTRY. II.
PREREQUISITE: F. S. 314.
3 HOURS OR 3/4 UNIT.

03106	LECT		2	M W F	203	D M B		WHITNEY

F S 324 PROBLEMS IN NUTRITION.
SAME AS H. EC. 324.
PREREQUISITE: BIOCH. 354 OR 350 AND 355, H. EC. 220, SENIOR STANDING.
3 TO 5 HOURS, OR 1/2 TO 1 UNIT.
*ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT INCLUDE LABORATORY.

03107	LECT		8	M W F	449	BEV HALL		HASKELL
03108	LAB	A	9-12	F	420	BEV HALL		
03109	LAB	&B	9-12	F	420	BEV HALL		

F S 332 PRINCIPLES OF SANITATION IN THE PROCESSING AND HANDLING OF FOODS.
PREREQUISITE: MCBIO. 100, 101 AND CHEM. 102 (NEW).
FIELD TRIPS.
2 HOURS OR 1/2 UNIT.

03110	LECT		1	TU TH	393	BEV HALL		ORDAL, WITTE
	LAB		2	TU TH	558	BEV HALL		

F S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

03111	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	W109	T H	
03112	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
03113	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
03114	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

F S 421 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS IN FOOD SCIENCE.
1/4 UNIT.

03115	LECT		11	TH	W109	T H	STAFF

F S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., D. S., FOR., HORT., AND V. M. S. 440.
PREREQUISITE: F. S. 340 OR EQUIVALENT.
3/4 UNIT.

03116	LAB-DISC	1	1-3	TH	W223	T H	CARMER, WALKER
	LECT		9	M W	W115	T H	
03117	LAB-DISC	2	3-5	TH	W223	T H	
	LECT		9	M W	W115	T H	

F S 499 THESIS RESEARCH.
0 TO 4 UNITS.

03118	CONF		ARR				STAFF

FORESTRY

DEPARTMENT OFFICE 219 M H

THE FORESTRY COURSES FOR ADVANCED UNDERGRADUATES ARE DESIGNED PRIMARILY FOR STUDENTS WHO ARE CANDIDATES FOR THE PROFESSIONAL DEGREE OF BACHELOR OF SCIENCE IN FORESTRY IN EITHER THE FOREST SCIENCE OR WOOD SCIENCE CURRICULUM. OTHER STUDENTS ARE ADMITTED TO MOST OF THESE COURSES, HOWEVER, IF THEY HAVE THE PREREQUISITES OR THE CONSENT OF THE INSTRUCTOR.

FOR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

03119	CONF		ARR				STAFF

FOR 200 SPECIAL PROBLEMS.
PREREQUISITE: A MINIMUM GRADE-POINT AVERAGE OF 3.75; SENIOR STANDING; CONSENT OF INSTRUCTOR AND HEAD OF DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
1 TO 3 HOURS.

03120	DISC		ARR				STAFF

FOR 222 ADVANCED FOREST MEASUREMENTS.
PREREQUISITE: FOR. 221, AGRON. 340.
3 HOURS.

03121	LECT-DISC		1	TU TH	205	F S L	YOCOM
	LAB-DISC		2-5	TU	205	F S L	

FOR 232 WOOD UTILIZATION.
PREREQUISITE: FOR. 231.
ONE DAY FIELD TRIP. ESTIMATED COST $3.00.
3 HOURS.

03122	LECT-DISC		9	M W F	205	F S L	WALTERS

FOR 242 FOREST RESOURCES MANAGEMENT.
PREREQUISITE: SENIOR STANDING: FOR. 222.
4 HOURS.

03123	LECT-DISC	10	M W F	205	F S L	YOCOM
	LAB-DISC	1-4	F	205	F S L	

FOR 271 WOOD ANATOMY AND IDENTIFICATION.
PREREQUISITE: ENROLLMENT IN FOREST SCIENCE OR WOOD SCIENCE CURRICULA. OR CONSENT OF INSTRUCTOR.
3 HOURS.

03124	LECT-DISC	8	TU TH	W223	T H	GUIHER
	LAB-DISC	9-12	TU	W1	T H	

FOR 273 ADHESIVES AND LAMINATES.
PREREQUISITE: ENROLLMENT IN THE WOOD SCIENCE CURRICULUM OR CONSENT OF INSTRUCTOR.
3 HOURS.

03125	LECT-DISC	9	M W	100	F S L	GUIHER
	LAB-DISC	1-4	W	100	F S L	

FOR 274 WOOD PRESERVATION.
3 HOURS.

03126	LECT-DISC	10	TU TH	100	F S L	WALTERS
	LAB-DISC	1-4	M	100	F S L	

FOR 275 SEMINAR IN WOOD SCIENCE.
PREREQUISITE: JUNIOR OR SENIOR STANDING IN THE WOOD TECHNOLOGY AND UTILIZATION CURRICULUM.
2 HOURS.

03127	CONF	ARR				CHOW, GUIHER, WALTERS

FOR 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., C. S., F. S., HORT., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

03128	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	W109	T H	
03129	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
03130	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
03131	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

FOR 401 SPECIAL PROBLEMS.
*NOT MORE THAN TWO UNITS MAY BE OFFERED TOWARD AN M. S. DEGREE.
*1/2 TO 1 UNIT.

03132	CONF	ARR	STAFF

FOR 414 DISCUSSIONS IN FOREST ECOLOGY AND PHYSIOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*TOTAL CREDIT LIMITED TO ONE UNIT.
*1/4 UNIT.

03133	CONF	ARR	FISHER

FOR 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., HORT., AND V. M. S. 440.
PREREQUISITE: FOR. 340 OR EQUIVALENT.
3/4 UNIT.

03134	LAB-DISC	1	1-3	TH	W223	T H	CARMER, WALKER
	LECT		9	M W	W115	T H	
03135	LAB-DISC	2	3-5	TH	W223	T H	
	LECT		9	M W	W115	T H	

FOR 460 DISCUSSIONS IN FOREST POLICY AND ADMINISTRATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*TOTAL CREDIT LIMITED TO 1 UNIT.
*1/4 UNIT.

03136	CONF	ARR	STAFF

FOR 499 THESIS RESEARCH.
1 TO 3 UNITS.
03137 CONF ARR STAFF

FRENCH

DEPARTMENT OFFICE 2090 F L B

FRENCH MAJOR: TWENTY HOURS BEYOND THE PREREQUISITES FRENCH 201, 211, 213, 218 OR THEIR EQUIVALENT AND EXCLUDING ALL 100 LEVEL COURSES AND FRENCH 202, 203, 255, 256, AND 282 AND INCLUDING COURSES AS OUTLINED BY OPTIONS BELOW. THE COURSE FRENCH 199 MAY BE INCLUDED IF APPROVED BY THE DEPARTMENTAL MAJOR ADVISOR. IN THE COURSE OF THREE OF HIS LAST FOUR SEMESTERS OF UNDERGRADUATE STUDY THE STUDENT WILL READ THE WORKS ON A DEPARTMENTAL READING LIST, WITH THE GUIDANCE OF A TUTOR. NORMALLY REPEATING ENROLLMENT FOR ONE HOUR/SEMESTER FOR A TOTAL OF THREE HOURS CREDIT.

OPTION I: LITERATURE

1. TWO COURSES MUST BE SELECTED FROM EACH OF THE FOLLOWING AREAS:
   A. FRENCH LITERATURE TO 1800.
   B. FRENCH LITERATURE FROM 1800 TO THE PRESENT.
   C. FRENCH LANGUAGE, LINGUISTICS OR CIVILIZATION
2. FRENCH 295. MAJOR TUTORIAL IN LITERATURE, 3 HOURS.

OPTION II: LANGUAGE AND LINGUISTICS

1. FOUR COURSES IN FRENCH LANGUAGE, LINGUISTICS OR CIVILIZATION.
2. ONE COURSE FROM EACH OF THE FOLLOWING:
   A. FRENCH LITERATURE TO 1800.
   B. FRENCH LITERATURE FROM 1800 TO THE PRESENT.
3. FRENCH 295. MAJOR TUTORIAL IN LANGUAGE AND LINGUISTICS, 3 HOURS. STUDENTS TAKING THIS TUTORIAL AND WHO MAY PURSUE GRADUATE STUDIES SHOULD ADD ONE MORE LITERATURE COURSE TO THEIR PROGRAMS.

THE MAJOR IN FRENCH IS STRONGLY ADVISED TO TAKE A YEAR'S WORK IN EUROPEAN HISTORY AND A YEAR'S WORK IN ENGLISH OR AMERICAN LITERATURE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, EXCLUDING THE FIRST TWO SEMESTERS OF MODERN FOREIGN LANGUAGE AND RHETORIC 101 AND 102, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: EDUCATION, ENGLISH, GERMAN, GREEK, HISTORY, HUMANITIES, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SPANISH, OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC, NOT INCLUDING APPLIED MUSIC, COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED.

SEQUENCE OF COURSES: STUDENTS WITH NO PREVIOUS CREDIT IN FRENCH REGISTER IN FRENCH 101.
ENTERING STUDENTS WHO HAVE CREDIT IN FRENCH FROM HIGH SCHOOL MUST REGISTER IN THE COURSE INDICATED BY THE PLACEMENT TEST. STUDENTS WITH CREDIT FROM OTHER UNIVERSITIES REGISTER AS FOLLOWS: THOSE WITH ONE SEMESTER REGISTER IN FRENCH 102; WITH TWO SEMESTERS, IN FRENCH 103; WITH THREE SEMESTERS, IN FRENCH 104. STUDENTS WITH CREDITS IN HIGH SCHOOL FRENCH WHOSE PLACEMENT SCORE PUTS THEM BEYOND 104 AND STUDENTS WITH FOUR SEMESTERS OF COLLEGE FRENCH TAKEN ELSEWHERE MAY REGISTER IN THE 200-LEVEL COURSES BUT SHOULD BE GUIDED IN THE CHOICE OF COURSES BY AN ADVISOR IN THE DEPARTMENT OF FRENCH.

FR 100 PREPARATORY FRENCH.
3 HOURS.
03138 LECT-DISC 8 MTU THF G30 F L B

FR 101 ELEMENTARY COURSE. I.

FOR STUDENTS WHO HAVE NO CREDIT IN FRENCH.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR FR. 101 WITHOUT FR. 102.
4 HOURS.
ALL STUDENTS IN THIS COURSE EXCEPT FOR THOSE IN SECTION PA2 MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE A3 TO A20 SECTIONS.

03139	LECT-DISC	A	8	MTU THF	G24	F L B	
03163	LECT-DISC	PA2	8	MTU THF	1024	F L B	
03140	LECT-DISC	B	9	MTU THF	362	ARMORY	
03141	LECT-DISC	C	10	MTU THF	362	ARMORY	
03142	LECT-DISC	D	11	MTU THF	362	ARMORY	
03143	LECT-DISC	X	12	MTU THF	216	L H	
03144	LECT-DISC	E	1	MTU THF	362	ARMORY	
03145	LAB	A3	8-830	TU F	202	L H	
03146	LAB	A4	830-9	TU F	202	L H	
03147	LAB	A5	9-930	TU F	202	L H	
03148	LAB	A6	930-10	TU F	202	L H	
03149	LAB	A7	10-1030	TU F	202	L H	
03150	LAB	A8	1030-11	TU F	202	L H	
03151	LAB	A9	11-1130	TU F	202	L H	
03152	LAB	A10	1130-12	TU F	202	L H	
03153	LAB	A11	12-1230	TU F	202	L H	
03154	LAB	A12	1230-1	TU F	202	L H	
03155	LAB	A13	1-130	TU F	202	L H	
03156	LAB	A14	130-2	TU F	202	L H	
03157	LAB	A15	2-230	TU F	202	L H	
03158	LAB	A16	230-3	TU F	202	L H	
03159	LAB	A17	3-330	TU F	202	L H	
03160	LAB	A18	330-4	TU F	202	L H	
03161	LAB	A19	4-430	TU F	202	L H	
03162	LAB	A20	430-5	TU F	202	L H	

FR 102 ELEMENTARY COURSE. II.

PREREQUISITE: FR. 101 OR ONE YEAR OF HIGH SCHOOL FRENCH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY SELECTING ONE SECTION FROM THE B3 TO B20 SECTIONS.

03164	LECT-DISC	A1	8	MTU THF	204	N L	
03165	LECT-DISC	A2	8	MTU THF	396	L H	
03166	LECT-DISC	A3	8	MTU THF	204N	H H	
03167	LECT-DISC	B1	9	MTU THF	204	N L	
03168	LECT-DISC	B2	9	MTU THF	396	L H	
03169	LECT-DISC	B3	9	MTU THF	204N	H H	
03170	LECT-DISC	C1	10	MTU THF	204	N L	
03171	LECT-DISC	C2	10	MTU THF	396	L H	
03172	LECT-DISC	D1	11	MTU THF	204	N L	
03173	LECT-DISC	D2	11	MTU THF	396	L H	
03174	LECT-DISC	X1	12	MTU THF	204	N L	
03175	LECT-DISC	X2	12	MTU THF	396	L H	
03176	LECT-DISC	E1P	1	MTU THF	1024	F L B	
03177	LECT-DISC	E2	1	MTU THF	396	L H	
03178	LECT-DISC	F1	2	MTU THF	204	N L	
03179	LECT-DISC	F2	2	MTU THF	396	L H	
03180	LECT-DISC	G1	3	MTU THF	204	N L	
03181	LECT-DISC	G2	3	MTU THF	396	L H	
03182	LECT-DISC	G3	3	MTU THF	204N	H H	
03183	LECT-DISC	H	4	MTU THF	204	N L	
03184	LAB	B3	8-830	TU F	202	L H	
03185	LAB	B4	830-9	TU F	202	L H	
03186	LAB	B5	9-930	TU F	202	L H	
03187	LAB	B6	930-10	TU F	202	L H	
03188	LAB	B7	10-1030	TU F	202	L H	
03189	LAB	B8	1030-11	TU F	202	L H	
03190	LAB	B9	11-1130	TU F	202	L H	
03191	LAB	B10	1130-12	TU F	202	L H	
03192	LAB	B11	12-1230	TU F	202	L H	
03193	LAB	B12	1230-1	TU F	202	L H	
03194	LAB	B13	1-130	TU F	202	L H	
03195	LAB	B14	130-2	TU F	202	L H	
03196	LAB	B15	2-230	TU F	202	L H	
03197	LAB	B16	230-3	TU F	202	L H	
03198	LAB	B17	3-330	TU F	202	L H	
03199	LAB	B18	330-4	TU F	202	L H	
03200	LAB	B19	4-430	TU F	202	L H	
03201	LAB	B20	430-5	TU F	202	L H	

FR 103 MODERN FRENCH. I.

PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.
PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.
ENROLLMENT IN SECTION &B2 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FR. 102.
*SECTIONS A2 AND E2 ARE INTENSIVE LANGUAGE SECTIONS INTENDED FOR STUDENTS PLANNING TO MAJOR IN FRENCH.

03202	LECT-DISC	A1	8	MTU THF	309A	H H
03210	LECT-DISC	*A2	8	MTU THF	349	ARMORY
03203	LECT-DISC	B1	9	MTU THF	309A	H H
03212	LECT-DISC	&B2	9	MTU THF	262	L H
03204	LECT-DISC	C	10	MTU THF	309A	H H
03205	LECT-DISC	D	11	MTU THF	309A	H H
03206	LECT-DISC	X1	12	MTU THF	309A	H H
03207	LECT-DISC	X2	12	MTU THF	204N	H H
03208	LECT-DISC	E1	1	MTU THF	309A	H H
03211	LECT-DISC	*E2	1	MTU THF	204N	H H
03209	LECT-DISC	F	2	MTU THF	309A	H H

FR 104 MODERN FRENCH. II.

PREREQUISITE: FR. 103 OR THREE YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.
PRACTICE IN THE LANGUAGE LABORATORY IS OPTIONAL.
*STUDENTS REGISTERING IN FRENCH 104 ARE ASKED TO KEEP THE FOLLOWING IN MIND: SECTION A1 EMPHASIZES THE NATURAL SCIENCES: SECTIONS C AND E EMPHASIZE CIVILIZATION: SECTIONS D, X2, AND G EMPHASIZE SOCIAL STUDIES: SECTIONS A2 AND X1 ARE INTENSIVE LANGUAGE COURSES FOR STUDENTS INTENDING TO CONTINUE IN FRENCH.

03223	LECT-DISC	A1	8	MTU THF	262	L H
03221	LECT-DISC	*A2	8	MTU THF	302	L H
03213	LECT-DISC	A3	8	MTU THF	370	L H
03214	LECT-DISC	A4	8	MTU THF	362	ARMORY
03215	LECT-DISC	B1	9	MTU THF	302	L H
03216	LECT-DISC	B2	9	MTU THF	370	L H
03224	LECT-DISC	C	10	MTU THF	262	L H
03226	LECT-DISC	D	11	MTU THF	262	L H
03222	LECT-DISC	*X1	12	MTU THF	G30	F L B
03227	LECT-DISC	X2	12	MTU THF	302	L H
03217	LECT-DISC	X3	12	MTU THF	G42	F L B
03225	LECT-DISC	E	1	MTU THF	262	L H
03218	LECT-DISC	F1	2	MTU THF	262	L H
03219	LECT-DISC	F2	2	MTU THF	302	L H
03228	LECT-DISC	G	3	MTU THF	262	L H
03220	LECT-DISC	H	4	MTU THF	262	L H

FR 106 INTENSIVE INTERMEDIATE FRENCH.

PREREQUISITE: FR. 102 OR 105 OR EQUIVALENT.
8 HOURS.

03229	LECT-DISC	10-12	MTU THF	302	L H

FR 111 CONVERSATIONAL FRENCH.

PREREQUISITE: FR. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO FR. 103.
4 HOURS.

03230	LECT-DISC	2	MTU THF	G20	F L B

FR 113 CONVERSATIONAL PRACTICE.

PREREQUISITE: FR. 102 OR TWO YEARS OF HIGH SCHOOL FRENCH.
CONCURRENT REGISTRATION IN FR. 103 OR 104.
1 HOUR.
ALL STUDENTS IN THIS COURSE MUST ARRANGE FOR TWO HALF-HOUR LANGUAGE LABORATORY PERIODS.

03231	LECT-DISC	11	TU TH	G32	F L B

FR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A IS FOR FRENCH AND COMPARATIVE CINEMA, I. 4 HOURS.
SECTIONS B AND C ARE FOR INDEPENDENT STUDY. REQUIRES PERMISSION OF FRENCH DEPARTMENT.
SECTION F IS FOR THOSE RESIDING IN FRENCH HOUSE. 1 HOUR CREDIT.
TOPIC SECTIONS W, X, Y, AND Z: INTENSIVE FRENCH FOR ARCHITECTS.
PERMISSION OF ARCHITECTURE ADVISOR REQUIRED. 5 HOURS.
SECTION N IS BLACK FRENCH LITERATURE. 3 HOURS.

03237	CONF	A	3-5	M	G32	F L B	JAHIEL
		A	3-5	W	223	G H	
03238	CONF	B	ARR				
03239	CONF	C	ARR				
03240	CONF	F	ARR				
03236	CONF	*N	ARR				
03232	LECT-DISC	W	3-5	MTUWTHF	G20	F L B	JAHIEL
03233	LECT-DISC	X	3-5	MTUWTHF	370	L H	
03234	LECT-DISC	Y	3-5	MTUWTHF	G30	F L B	
03235	LECT-DISC	Z	3-5	MTUWTHF	145	L H	

FR 201 INTRODUCTION TO FRENCH LITERATURE, I.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.

03241	LECT-DISC	B	9	M W F	G20	F L B	
03242	LECT-DISC	C	10	M W F	G20	F L B	
03243	LECT-DISC	D	11	M W F	G20	F L B	PRICE
03244	LECT-DISC	E	1	M W F	G20	F L B	

FR 202 INTRODUCTION TO FRENCH LITERATURE, II.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.
*ENROLLMENT IN &E IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 201.

03245	LECT-DISC	B	9	M W F	G24	F L B	
03246	LECT-DISC	C	10	M W F	G24	F L B	
03247	LECT-DISC	D	11	M W F	G24	F L B	
03249	LECT-DISC	*&E	1	M W F	G24	F L B	
03248	LECT-DISC	F	2	M W F	G24	F L B	

FR 203 SELECTIONS IN CONTEMPORARY FRENCH LITERATURE.
PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
2 HOURS.
*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.

03250	LECT-DISC		10	M W F	G32	F L B	VIENS

FR 207 STUDIES IN FRENCH FICTION.
PREREQUISITE: FR. 201 AND 202, OR EQUIVALENT.
3 HOURS.
*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.

03251	LECT-DISC	1	1	M W F	176	L H	PRICE

FR 211 ORAL FRENCH, I
PREREQUISITE: FR. 104 OR 106, OR 103 AND 113, OR FOUR YEARS OF HIGH SCHOOL FRENCH.
3 HOURS.
PRACTICE IN LANGUAGE LABORATORY IS OPTIONAL.
*ENROLLMENT IN SECTION &F IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 104.

03252	LECT-DISC	B	9	MTU THF	1024	F L B	
03253	LECT-DISC	C	10	MTU THF	1024	F L B	
03254	LECT-DISC	D	11	MTU THF	1024	F L B	
03255	LECT-DISC	X	12	MTU THF	1024	F L B	
03256	LECT-DISC	E	1	MTU THF	204	N L	
03258	LECT-DISC	*&F	2	MTU THF	1024	F L B	
03257	LECT-DISC	G	3	MTU THF	1024	F L B	

FR 212 ORAL FRENCH. II.
PREREQUISITE: FR. 211.
3 HOURS.
*ENROLLMENT IN SECTION &E1 IS RESTRICTED TO JAMES SCHOLARS AND STUDENTS WHO RECEIVED A GRADE OF A IN FRENCH 211.

03259	LECT-DISC	B	9	MTU THF	1032	F L B		
03260	LECT-DISC	C1	10	MTU THF	1032	F L B		
03261	LECT-DISC	C2	10	MTU THF	204N	H H		
03262	LECT-DISC	D	11	MTU THF	1032	F L B		
03263	LECT-DISC	X	12	MTU THF	1032	F L B		
03268	LECT-DISC	*&E1	1	MTU THF	1032	F L B		
03264	LECT-DISC	E2	1	MTU THF	392	L H		
03265	LECT-DISC	F	2	MTU THF	1032	F L B		
03266	LECT-DISC	G	3	MTU THF	1032	F L B		
03267	LECT-DISC	H	4	MTU THF	1032	F L B		

FR 213 COMPOSITION. I.
PREREQUISITE: FR. 104 OR 106 OR FOUR YEARS OF HIGH SCHOOL FRENCH.
2 HOURS.

03269	LECT-DISC	B	9	TU TH	G24	F L B	
03270	LECT-DISC	C	10	TU TH	G24	F L B	
03271	LECT-DISC	F	2	TU TH	G24	F L B	

FR 214 COMPOSITION. II.
PREREQUISITE: FR. 213.
2 HOURS.

03272	LECT-DISC	B	9	TU TH	1040	F L B	
03273	LECT-DISC	C	10	TU TH	G32	F L B	
03274	LECT-DISC	D	11	TU TH	390	L H	
03275	LECT-DISC	F	2	TU TH	1040	F L B	

FR 215 INTENSIVE COMPOSITION.
PREREQUISITE: FR. 104 OR 106. OR FOUR YEARS OF HIGH SCHOOL FRENCH.
4 HOURS.

03276	LECT-DISC		3	MTU THF	G24	F L B	

FR 217 ADVANCED ORAL FRENCH.
PREREQUISITE: FR. 212.
4 HOURS.

03277	LECT-DISC	A	8-10	MTU THF	325	G H	JAHIEL & STAFF
03278	LECT-DISC	C	10-12	MTU THF	325	G H	
03279	LECT-DISC	F	1-3	MTU THF	325	G H	

FR 218 CONVERSATION DIRIGEE.
PREREQUISITE: FR. 217 OR EQUIVALENT.
2 HOURS.
WILL NOT MEET DURING THE STUDENT TEACHING PERIOD.

03280	CONF		2-4	TU TH	G18	F L B	GELOIN

FR 220 SIXTEENTH CENTURY LITERATURE.
PREREQUISITE: FR. 201 AND 202 OR EQUIVALENT.
3 HOURS.

03281	LECT-DISC		1	M W F	G30	F L B	B. BOWEN

FR 228 FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. II.
3 HOURS.

03282	LECT-DISC		11	TU TH	G20	F L B	G. LAPREVOTTE

FR 230 FRENCH LITERATURE OF THE NINETEENTH CENTURY. I: ROMANTICISM.
PREREQUISITE: FR. 201 AND 202.
3 HOURS.

03283	LECT-DISC		9	TU TH	G20	F L B	TALBOT

FR 234 FRENCH LITERATURE OF THE CONTEMPORARY PERIOD. II.
3 HOURS.

03284	LECT-DISC		1	TU TH	G20	F L B	WANNER

FR 256 INTRODUCTION TO FRENCH LITERATURE. IN TRANSLATION. II.
SAME AS HUMAN. 256.
NOT OPEN TO STUDENTS MAJORING IN FRENCH.
4 HOURS.

03285	LECT-DISC	C1	10	M W F	370	L H	
03286	LECT-DISC	C2	10	M W F	390	L H	

FR 262 FRENCH ABROAD. II.
PREREQUISITE: FR. 261.
0 TO 15 HOURS.
SECTION A IS FOR ADVANCED WORK IN LITERATURE, 6 HOURS. SECTION B IS FOR ADVANCED WORK IN LANGUAGE, 6 HOURS. SECTION C IS FOR WORK IN CIVILIZATION, 3 HOURS.

03287	CONF	A	ARR	
03288	CONF	B	ARR	
03289	CONF	C	ARR	

FR 270 PARA-TEACHING IN FRENCH.
PREREQUISITE: FR. 212 AND 214 OR EQUIVALENT AND PERMISSION OF FRENCH TEACHING EDUCATION ADVISOR.
*MAY BE REPEATED FOR CREDIT.
*2 HOURS.

03290	CONF		ARR			SHINALL

FR 275. THE TEACHING OF FRENCH.
PREREQUISITE: FR. 212 AND ENROLLMENT IN A TEACHER EDUCATION CURRICULUM WITH A MINOR IN FRENCH.
2 HOURS.

03291	LECT-DISC	11	TU TH	G24	F L B	GRIFFITH

FR 282 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN FRENCH.
PREREQUISITE: FR. 201 AND 202, OR 211 AND 212.
2 HOURS.
DOES NOT MEET DURING THE PERIOD TEACHER-TRAINING MAJORS ARE OFF CAMPUS.

03292	LECT-DISC	F	2	MTUWTHF	G30	F L B

FR 291 THESIS AND HONORS. I.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

03293	CONF		ARR			

FR 295 MAJOR TUTORIAL.
PREREQUISITE: FR. 201, 211, AND 213, OR THEIR EQUIVALENT; A DECLARED MAJOR IN FRENCH AND JUNIOR STANDING.
1 TO 2 HOURS.
STUDENT SHOULD SEE FRENCH/L A S MAJOR ADVISOR.
SATISFACTORY-UNSATISFACTORY GRADING APPROVED FOR THIS COURSE.

03294	CONF		ARR			VELAN & STAFF

FR 299 FRENCH SENIOR SEMINAR.
PREREQUISITE: FR. 261 AND 262 OR EQUIVALENT; CONSENT OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR CREDIT.
*3 HOURS.

03295	CONF		ARR			VARKONYI

FR 311 DICTION.
IT IS RECOMMENDED THAT FR. 311 AND 313 BE TAKEN CONCURRENTLY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

03296	LECT-DISC	B	9	TU TH	G32	F L B
03297	LECT-DISC	C	10	TU TH	G20	F L B
03298	LECT-DISC	E	1	TU TH	1040	F L B

FR 313 PHONETICS.
IT IS RECOMMENDED THAT FR. 313 AND 311 BE TAKEN CONCURRENTLY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

03299	LECT-DISC	D1	11	TU TH	G30	F L B
03300	LECT-DISC	D2	11	TU TH	1040	F L B

FR 314 SYNTAX.
PREREQUISITE: FR. 213 AND 214, OR 215, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

03301	LECT-DISC	B	9	M W F	1040	F L B
03302	LECT-DISC	E	1	M W F	145	L H

FR 336 FRENCH CIVILIZATION, II.
3 HOURS OR 3/4 UNIT.
*DOES NOT MEET DURING THE PERIOD TEACHER TRAINING MAJORS ARE OFF CAMPUS.

03303	LECT-DISC		*9	MTUWTHF	1046	F L B	WEISZ

FR 342 LECTURES DE PROUST, II: A LA RECHERCHE DU TEMPS PERDU.
PREREQUISITE: FR. 341 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

03304	LECT-DISC		3	M W	429	LIB	

FR 382 LANGUAGE LABORATORY TECHNIQUES.
SAME AS GER., SLAV., AND SPAN. 382.
PREREQUISITE: THREE YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL, OR THE EQUIVALENT.
2 HOURS OR 1/2 UNIT.

03305	LECT-DISC		10	TU TH	1040	F L B	

FR 400 BEGINNING FRENCH FOR GRADUATE STUDENTS.
4 HOURS.

03306	LECT-DISC	A	8	MTU THF	G20	F L B	
03307	LECT-DISC	B	9	MTU THF	1	G H	
03308	LECT-DISC	X	12	MTU THF	G20	F L B	

FR 401 READING FRENCH FOR GRADUATE STUDENTS.
PREREQUISITE: FR. 400, OR FR. 101 AND 102, OR EQUIVALENT.
4 HOURS.

03309	LECT-DISC	A	8	MTU THF	1	G H	
03310	LECT-DISC	B	9	MTU THF	390	L H	
03311	LECT-DISC	X	12	MTU THF	G32	F L B	

FR 404 THE STUDY OF CULTURE: FINE ARTS, HISTORY AND LITERATURE, II.
PREREQUISITE: FR. 403 OR CONSENT OF INSTRUCTOR.
1 UNIT.

03312	LECT-DISC		9	TU TH	G30	F L B	G. LAPREVOTTE

FR 425 EXPLICATION DE TEXTES, I.
PREREQUISITE: GRADUATE STANDING IN FRENCH.
1 UNIT.

03313	LECT-DISC		1	TU TH	G24	F L B	N. LAPREVOTTE

FR 438 STUDIES IN EIGHTEENTH CENTURY FRENCH LITERATURE, II.
1 UNIT.
TOPIC: ROUSSEAU: THE AUTOBIOGRAPHICAL WRITINGS.

03314	LECT-DISC		10	M W	1040	F L B	V. BOWEN

FR 439 STUDIES IN NINETEENTH CENTURY FRENCH LITERATURE, I.
1 UNIT.

03315	LECT-DISC		11	M W	1040	F L B	TALBOT

FR 442 STUDIES IN TWENTIETH CENTURY FRENCH LITERATURE, II
PREREQUISITE: GRADUATE STANDING IN FRENCH.
1 UNIT.

03316	LECT-DISC		2	TU TH	G32	F L B	GRAY

FR 443 FRENCH STUDIES.
1 UNIT.
*SECTION J TOPIC: STUDIES IN COMPARATIVE CINEMA.
*SECTION R TOPIC: LINGUISTIC AND PSYCHOLOGICAL FOUNDATIONS OF LANGUAGE TEACHING.

03317	LECT-DISC	*J	3-5	M	G32	F L B	JAHIEL
		*J	3-5	W	223	G H	
03318	LECT-DISC	*R	1	M	1040	F L B	RIVERS
		*R	3-5	TH	1040	F L B	

FR 446 RESEARCH METHODS.
1/4 OR 1/2 UNIT.

03319	CONF		ARR				

FR 448 STUDIES IN FRENCH DESCRIPTIVE LINGUISTICS.
PREREQUISITE: FR. 316.
1 UNIT.

03320	LECT-DISC		9	M W F	G30	F L B	JENKINS

FR 450 HISTORICAL FRENCH GRAMMAR.
PREREQUISITE: FR. 449: AN ELEMENTARY KNOWLEDGE OF LATIN.
1 UNIT.

03321	LECT-DISC	10-12	TU TH	429	LIB	KNUDSON

FR 470 SEMINAR IN OLD FRENCH LITERATURE.
PREREQUISITE: FR. 450.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: LES CHANSONS DE GESTES.

03322	LECT-DISC	ARR		429	LIB	KNUDSON

FR 471 SEMINAR IN SIXTEENTH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: MONTAIGNE.

03323	LECT-DISC	3-5	TU	1040	F L B	B. BOWEN

FR 473 SEMINAR IN EIGHTEENTH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: TO BE ANNOUNCED.

03324	LECT-DISC	10-12	F	1040	F L B	V. BOWEN

FR 474 SEMINAR IN NINETEENTH CENTURY FRENCH LITERATURE.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: BAUDELAIRE.

03325	LECT-DISC	1-3	W	1040	F L B	VELAN

FR 478 SEMINAR IN TWENTIETH CENTURY FRENCH LITERATURE.
SAME AS C. LIT. 478.
*COURSE MAY BE REPEATED FOR CREDIT.
*1 UNIT.
TOPIC: THE NEW NOVEL.

03326	LECT-DISC	ARR				GRAY

FR 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN FRENCH.
1/4 TO 1 UNIT.

03327	CONF		ARR			
03328	CONF	B	ARR			

FR 499 THESIS RESEARCH.
0 TO 4 UNITS.

03329	CONF		ARR			

GENERAL EDUCATION

STUDENTS WHO ENTER THE SCIENCE AND LETTERS CURRICULUM IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR WHO ENTER OTHER SCHOOLS AND SUBSEQUENTLY TRANSFER TO THE COLLEGE ARE REQUIRED TO COMPLETE AT LEAST ONE APPROVED SEQUENCE IN EACH OF THESE AREAS: HUMANITIES, BIOLOGICAL SCIENCE, PHYSICAL SCIENCE, AND SOCIAL SCIENCE.

THE FOLLOWING SEQUENCES HAVE BEEN APPROVED.

BIOLOGICAL SCIENCE

BIOL 100, 101
PHYSL 103 OR 203, PSYCH 103
OR ANY EIGHT HOURS OF COURSES OFFERED BY THE SCHOOL OF LIFE SCIENCES.

RECOMMENDED COURSES ARE:
BOT 100 OR 101
ENTOM 103
MCBIO 113
PHYSL 103 OR 203
ZOOL 104

HUMANITIES

A SIX HOUR SEQUENCE IN ONE FOREIGN LITERATURE AT THE 200 AND 300 LEVEL (NOT LANGUAGE COURSES).

ART 111, 112, PLUS EITHER A 300 COURSE IN HISTORY OF ART OR PHIL 323
CHIN 207, 208
CLCIV 110, 111, AND 112
CLCIV 301, 302
ENGL 101, 102, 103
ENGL 115, 116 PLUS EITHER 131 OR AN ADVANCED COURSE INVOLVING THE STUDY OF LITERATURE IN DEPTH (255, 256, 257, 258, 370, 387 AND 388 ARE EXCLUDED).
ENGL 195, 196
ENGL 251, 252, 253, 287 (ANY TWO OF THESE FOUR COURSES).
ENGL 338, 339, 340 (ANY TWO OF THESE THREE COURSES).
FR 255, 256
HIST 131, 132
HIST 171, 172
HIST 173, 174
HIST 247, 248
HIST 323, 324
HUMAN 151, 152
HUMAN 201, 202
HUMAN 211, 212
HUMAN 215, 216
HUMAN 363, 364
JAPAN 205, 206
MUSIC 130, 131
MUSIC 130, 316, 317
PHIL 101, 102, AND 105
PHIL 101 (OR 195) AND ANY TWO 300 LEVEL COURSES EXCEPT PHIL 333, 334, 353, 354, AND 355
PHIL 303, 306
RUSS 114, 115, 116 (ANY TWO OF THESE THREE COURSES
SPCH 177, 178

PHYSICAL SCIENCE

ASTR 101, 102
CHEM, ANY 8 HOURS
GEOG 102, 103
GEOL 101, 102
L A S 140, 141
L A S 142, 143
MATH 118, 119 OR ANY OTHER 8 HOUR SEQUENCE NOT INCLUDING MATH. 101 OR 118.
MATH 124, 134
PHYCS, ANY 8 HOURS

SOCIAL SCIENCE

ANTH 101 AND ANY ONE OF THE FOLLOWING: ANTH 173, 174, 220, 230 240, 260, 280, OR 300
ANTH 102, 103
ECON 108 AND ANY ONE OF THE FOLLOWING COURSES: ECON 214, 240 255, 288, 328, 350
GEOG 104, 105
HIST 111, 112
HIST 151, 152
HIST 171, 172
HIST 173, 174
HIST 247, 248
HIST 260, 261, 262
PHIL 103, 104
POL S 150 AND ANTH 174
POL S 184, 191
PSYCH 100, OR 105 AND ANY ONE OF THE FOLLOWING: 201, 216, 248, 250
SOC 100 AND ANY ONE OF THE FOLLOWING: 212, 218, 223 OR ANTH 174
SOC 151, 152 (OR 275)

DEPARTMENT OFFICE 117 T B

G E 101 ENGINEERING GRAPHICAL COMMUNICATION.
PREREQUISITE: PLANE GEOMETRY.
*CREDIT IS NOT GIVEN FOR G. E. 101 IN ADDITION TO G. E. 103 OR G. E. 105.
*3 HOURS.

03330	LAB-DISC	F11	9-12	TU TH	114	T	B

G E 103 ENGINEERING GRAPHICS. I.
*CREDIT IS NOT GIVEN FOR G. E. 103 IN ADDITION TO G. E. 101 OR 105.
*3 HOURS.

03331	LAB-DISC	A2	8-10	M W F	303	T	B
03332	LAB-DISC	A6	8-10	M W F	316	T	B
03333	LAB-DISC	A11	8-10	M W F	114	T	B
03334	LAB-DISC	B9	10-12	M W F	216	T	B
03335	LAB-DISC	B11	10-12	M W F	114	T	B
03336	LAB-DISC	C9	1-3	M W F	216	T	B
03337	LAB-DISC	C11	1-3	M W F	114	T	B
03338	LAB-DISC	D1	3-5	M W F	302	T	B
03339	LAB-DISC	D9	3-5	M W F	216	T	B
03340	LAB-DISC	&G2	1-4	TU TH	303	T	B
03341	LAB-DISC	&G6	1-4	TU TH	316	T	B

G E 104 ENGINEERING GRAPHICS. II.
PREREQUISITE: G. E. 103 OR EQUIVALENT.
3 HOURS.
*STUDENTS IN SECTION F3 WILL WORK WITH STUDENTS IN G. E. 242.

03342	LAB-DISC	B3	10-12	M W F	305	T	B
03343	LAB-DISC	C2	1-3	M W F	303	T	B
03344	LAB-DISC	C3	1-3	M W F	305	T	B
03345	LAB-DISC	F2	9-12	TU TH	303	T	B
03346	LAB-DISC	*F3	9-12	TU TH	305	T	B

G E 105 ELEMENTS OF DRAWING.
PREREQUISITE: PLANE GEOMETRY.
*CREDIT IS NOT GIVEN FOR G. E. 105 IN ADDITION TO G. E. 101 OR 103.
*3 HOURS.

03347	LAB-DISC	A8	8-10	M W F	207	T	B
03348	LAB-DISC	D7	3-5	M W F	201	T	B

G E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

03349	CONF	A	ARR

G E 212 GRAPHICAL CALCULATIONS.
PREREQUISITE: G. E. 103 OR EQUIVALENT. MATH. 123.
1 HOUR.

03350	LAB-DISC	H3A	3-5	TU	305	T	B
03351	LAB-DISC	H3B	3-5	TH	305	T	B

G E 220 HISTORY OF ENGINEERING.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.

03352	LECT-DISC	B	10	M W F	206	T	B
03353	LECT-DISC	C	11	M W F	206	T	B
03354	LECT-DISC	D	2	M W F	206	T	B
03355	LECT-DISC	F	10-1120	TU TH	206	T	B
03356	LECT-DISC	G	1-220	TU TH	206	T	B

G E 221 INTRODUCTION TO GENERAL ENGINEERING DESIGN.
PREREQUISITE: G. E. 103 AND 104. CREDIT OR REGISTRATION IN T. A. M. 150.
3 HOURS.

03357	LECT-DISC	B6	10-12	M W F	316	T	B
03358	LECT-DISC	C1	1-3	TUWTH	302	T	B

G E 230 ENGINEERING ASPECTS OF CONTEMPORARY SOCIETY.
PREREQUISITE: SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

03359	LECT-DISC	F	8-920	TU TH	206	T	B
03360	LECT-DISC	H	3-420	TU TH	206	T	B

G E 231 ENGINEERING ANALYSIS, I.
PREREQUISITE: G. E. 221, T. A. M. 211.
3 HOURS.

03361	LECT-DISC	B1	10-12	M	W	F	302	T B	
03362	LECT-DISC	C4	1-3	M	W	F	306	T B	

G E 232 ENGINEERING ANALYSIS, II.
PREREQUISITE: G. E. 231, T. A. M. 221.
4 HOURS.

03363	LECT-DISC	A	9	MTU THF			302	T B	
03364	LECT-DISC	C	1	MTU THF			203	T B	

G E 241 COMPONENT DESIGN.
PREREQUISITE: G. E. 232, T. A. M. 224.
4 HOURS.

03365	LECT-DISC	B4	10-12	M		F	306	T B	
		B4	10		W		306	T B	

G E 242 PROJECT DESIGN.
PREREQUISITE: G. E. 241, 288.
3 HOURS.

03366	LECT-DISC	A	9-12	TU TH			306	T B	

G E 282 INTRODUCTION TO PATENT LAW.
PREREQUISITE: SENIOR STANDING.
1 HOUR.

03367	LECT-DISC	A	4	M			206	T B	
03368	LECT-DISC	B	8		W		206	T B	

G E 288 ECONOMIC ANALYSIS FOR ENGINEERING DECISION MAKING.
PREREQUISITE: JUNIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

03369	DISC	A	10	M	W	F	303	T B	
03370	DISC	B	3	M	W	F	206	T B	

G E 290 LEGAL ASPECTS OF ENGINEERING CONTRACTS AND SPECIFICATIONS.
SAME AS C. E. 290.
PREREQUISITE: SENIOR STANDING IN ARCHITECTURE OR ENGINEERING, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH C. E./G. E. 290 AND G. E. 292.
*3 HOURS.

03371	LECT-DISC	F	1	M	W	F	420	E H	

G E 291 GENERAL ENGINEERING SEMINAR.
PREREQUISITE: SENIOR STANDING IN GENERAL ENGINEERING.
0 CREDIT.

03372	LECT-DISC	A	3-5		W		306	T B	

G E 292 ENGINEERING LAW.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR ARCHITECTURE, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR G. E. 292 IN ADDITION TO G. E. OR C. E. 290.
*3 HOURS.

03373	LECT-DISC	A	9	M	W	F	206	T B	
03374	LECT-DISC	B	1	M	W	F	206	T B	
03375	LECT-DISC	C	2	M	W	F	203	T B	

G E 293 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR STANDING AND CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.
*SECTION G IS MORPHOLOGY OF DESIGN. CREDIT--3 HOURS.

03376	CONF	B	ARR						
03377	LECT-DISC	*G	1-4	TU			306	T B	SPRENGEL

G E 304 PROFESSIONAL EXPRESSION.
PREREQUISITE: ADVANCED OR GRADUATE STANDING AND CONSENT OF INSTRUCTOR.
3 OR 4 HOURS, OR 1 UNIT.
*EQUIVALENT OF ANOTHER WEEKLY MEETING ARRANGED AT CONVENIENCE OF STUDENTS REGISTERING FOR FOUR HOURS OF CREDIT.

03378	LECT-DISC	D	*11	M	W	F	303	T B	

G F 330 INDUSTRIAL STANDARDIZATION.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTURCTOR.
2 HOURS OR 1/2 UNIT.

03379	LECT	A	1	M W	201	T B		

G F 334 INTRODUCTION TO RELIABILITY ENGINEERING.
SAME AS I. E. 334.
PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

03380	LECT-DISC	11	M W F	243	M E B		

G F 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., GEOG., M. E., U. P., AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

03381	LECT-DISC	3-5	W	218	M E B		

G F 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
*SECTION A IS FOR GENERAL ENGINEERING STUDENTS
*SECTION &B IS AN HONORS SECTION.
*SECTIONS F1, F2, F3 AND F4 ARE SCIENCE OF AEROSPACE. PREREQUISITE: NON ENGINEERING STUDENTS. CREDIT--3 HOURS OR 1 UNIT.
*SECTION G IS MORPHOLOGY OF DESIGN. CREDIT-3 HOURS OR 1 UNIT.
*SECTION H IS SOCIAL IMPACT OF TECHNOLOGY IN DEVELOPING COUNTRIES. CREDIT--3 HOURS OR 1 UNIT.

03382	CONF	*A	ARR					
03383	CONF	*&B	ARR					
03384	LECT-DISC	*F1	4-6	M	114	T B		KERZNER
03385	LECT-DISC	*F2	1-3	TU	114	T B		KERZNER
03386	LECT-DISC	*F3	4-6	W	114	T B		KERZNER
03387	LECT-DISC	*F4	1-3	TH	114	T B		KERZNER
03388	LECT-DISC	*G	1-4	TU	306	T B		SPRENGEL
03389	LECT-DISC	*H	3	M W F	203	T B		JEWETT

GEOGRAPHY

DEPARTMENT OFFICE 220 D H

MAJOR: TWENTY HOURS IN GEOGRAPHY IN ADDITION TO GEOGRAPHY 103. AT LEAST FIFTEEN OF THE TWENTY HOURS MUST BE IN COURSES CARRYING ADVANCED CREDIT. INDIVIDUAL PROGRAMS ARE ARRANGED FOR MAJOR STUDENTS WITH THE FOLLOWING SPECIAL INTERESTS: LIBERAL EDUCATION, BUSINESS, CARTOGRAPHY, GOVERNMENT, TEACHING, OR GRADUATE STUDY. THESE PROGRAMS INCLUDE DEPARTMENTAL COURSES, MINOR FIELDS, AND RECOMMENDED ELECTIVES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS IN DEPARTMENTS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED IN CONSULTATION WITH THE DEPARTMENTAL ADVISER AND WITH THE APPROVAL OF THE DEAN OF THE COLLEGE. AT LEAST EIGHT HOURS OF THE TWENTY MINOR HOURS MUST BE TAKEN IN EACH IF THE STUDENT ELECTS TO MINOR IN TWO DIFFERENT DEPARTMENTS.

DEPARTMENTAL DISTINCTION: STUDENTS ELIGIBLE FOR GRADUATION WITH HONORS IN LIBERAL ARTS AND SCIENCES SHOULD CONSULT WITH THE DEPARTMENTAL ADVISER CONCERNING GRADUATION WITH DISTINCTION IN GEOGRAPHY.

GEOG 102 PHYSICAL GEOGRAPHY. I.
4 HOURS.
*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

03390	LECT	M	10	TU TH	314	A	H		LINDE
03391	QUIZ	1	8-10	TU	175	D	H		
03401	QUIZ	*&2	8-10	TU	177	D	H		
03392	QUIZ	3	8-10	F	323	D	H		
03393	QUIZ	4	8-10	F	177	D	H		
03394	QUIZ	5	8-10	W	177	D	H		
03395	QUIZ	6	10-12	W	177	D	H		
03396	QUIZ	7	1-3	TU	177	D	H		
03397	QUIZ	8	1-3	TH	177	D	H		
03398	QUIZ	9	3-5	W	177	D	H		
03399	QUIZ	10	3-5	TH	177	D	H		
03400	QUIZ	11	10-12	F	177	D	H		

GEOG 103 PHYSICAL GEOGRAPHY. II.
TWO FIELD TRIPS REQUIRED. ESTIMATED COST $3.00-$5.00.
4 HOURS.
*SECTION &5 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

03402	LECT	M	9	TU TH	314	A	H		JOHNSON
03403	LECT	P	11	TU TH	314	A	H		JOHNSON
03404	LAB-DISC	1	9	M	175	D	H		
		1	8-10	W	175	D	H		
03405	LAB-DISC	2	9	TU	177	D	H		
		2	8-10	TH	175	D	H		
03406	LAB-DISC	3	10	M	175	D	H		
		3	10-12	W	175	D	H		
03407	LAB-DISC	4	11	M	175	D	H		
		4	10-12	TH	175	D	H		
03414	LAB-DISC	*&5	10	M	177	D	H		MONK
		*&5	10-12	F	175	D	H		MONK
03408	LAB-DISC	6	1	M	175	D	H		
		6	1-3	W	175	D	H		
03409	LAB-DISC	7	1	TU	175	D	H		
		7	1-3	TH	175	D	H		
03410	LAB-DISC	8	1	M	177	D	H		
		8	1-3	F	175	D	H		
03411	LAB-DISC	9	3	M	175	D	H		
		9	3-5	W	175	D	H		
03412	LAB-DISC	10	3	TU	175	D	H		
		10	3-5	TH	175	D	H		
03413	LAB-DISC	11	8	M	175	D	H		
		11	8-10	F	175	D	H		

GEOG 104 WORLD REGIONAL GEOGRAPHY.
4 HOURS.
*SECTION &11 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

03415	LECT	D	11	M W F	228	N	H	B	JAKLE
03416	QUIZ	1	8	M	177	D	H		
03417	QUIZ	2	8	TU	323	D	H		
03418	QUIZ	3	9	M	323	D	H		
03419	QUIZ	4	9	TU	323	D	H		
03420	QUIZ	5	10	TU	323	D	H		
03421	QUIZ	6	9	TH	177	D	H		
03422	QUIZ	7	10	TH	323	D	H		
03423	QUIZ	8	1	W	177	D	H		
03424	QUIZ	9	2	M	177	D	H		
03425	QUIZ	10	2	W	177	D	H		
03426	QUIZ	*&11	3	M	177	D	H		

GEOG 105 INTRODUCTORY ECONOMIC GEOGRAPHY.
4 HOURS.
*SECTION &2 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS.

03427	LECT	D	11	M W F	124	BUR	HALL		ROEPKE
03428	QUIZ	1	8	TH	177	D	H		
03434	QUIZ	*&2	9	W	323	D	H		
03429	QUIZ	3	9	TH	323	D	H		
03430	QUIZ	4	10	M	323	D	H		
03431	QUIZ	5	10	W	323	D	H		
03432	QUIZ	6	2	M	323	D	H		
03433	QUIZ	7	2	TU	323	D	H		

GEOG 185 INTRODUCTION TO SOCIAL STATISTICS.
SAME AS SOC. 185.
PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR, OR SIX HOURS IN SOCIOLOGY, POLITICAL SCIENCE, ANTHROPOLOGY, OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1, B1, AND C1 ARE FOR GEOGRAPHY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, OR C2. SOCIOLOGY MAJORS SEE SOCIOLOGY 185.

03435	LECT-DISC	*A1	9-1030	TU TH	134	ARMORY
03438	LECT-DISC	*A2	9-1030	TU TH	134	ARMORY
03436	LECT-DISC	*B1	2	M W F	340	L H
03439	LECT-DISC	*B2	2	M W F	340	L H
03437	LECT-DISC	*C1	1030-12	TU TH	134	ARMORY
03440	LECT-DISC	*C2	1030-12	TU TH	134	ARMORY

GEOG 195 UNDERGRADUATE HONORS SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT.
3 HOURS.

03441	LECT-DISC	&E	3-5	TU	219	D H	RUSSELL

GEOG 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

03442	CONF		ARR				STAFF

GEOG 210 GEOGRAPHY IN WORLD AFFAIRS.
3 HOURS.

03443	LECT-DISC	N	10	TU	223	G H	STAFF
		N	10-12	TH	223	G H	MONK

GEOG 214 CONSERVATION OF NATURAL RESOURCES.
3 HOURS.

03444	LECT		3	M W F	159	D H	STAFF

GEOG 272 INTRODUCTORY FIELD GEOGRAPHY.
5 TO 8 HOURS.
ONE TEN DAY FIELD TRIP REQUIRED. ESTIMATED COST: $50.00.

03445	CONF		ARR				ALEXANDER

GEOG 295 INDEPENDENT STUDY IN GEOGRAPHY.
PREREQUISITE: AT LEAST ONE FORMAL COURSE IN THE TOPIC OR REGION OF INTEREST: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE WITH CREDIT.
*2 TO 4 HOURS.

03446	CONF		ARR				STAFF

GEOG 303 ADVANCED PHYSICAL GEOGRAPHY.
PREREQUISITE: GEOG. 103 OR GEOL. 101, OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
FIELD TRIPS REQUIRED. ESTIMATED COST $3.00-$5.00.

08621	LECT-DISC	D	11	M W F	137F	D H	ALEXANDER

GEOG 323 HISTORICAL GEOGRAPHY OF NORTH AMERICA.
3 HOURS OR 1 UNIT.

03447	LECT-DISC	C	10	M W F	113	D H	GARLAND
08622	LECT-DISC	T	3-5	TU	323	D H	JAKLE
		T	3	TH	323	D H	

GEOG 342 GEOGRAPHY OF EUROPE.
3 HOURS OR 3/4 UNIT.

03448	LECT-DISC	D	11	M W F	219	D H	RUSSELL

GEOG 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., G. E., M. E., U. P., AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

03449	LECT-DISC		3-5	W	218	M E B	PEARSON

GEOG 366 LOCATION OF INDUSTRY AND OTHER ECONOMIC ACTIVITIES: THEORY AND PRACTICE.
3 HOURS OR 3/4 UNIT.

03450	LECT-DISC	B	9	M W F	113	D H		ROEPKE

GEOG 373 MAP COMPILATION AND CONSTRUCTION.
4 HOURS OR 1 UNIT.

03451	LECT-DISC	S	2	TU TH	323	D H		STAFF
03452	LAB	1	3-5	M W	318	D H		
03453	LAB	2	3-5	TU TH	318	D H		

GEOG 374 PROBLEMS IN HUMAN ECOLOGY.
SAME AS ANTH., H. ED., PHYSL., PSYCH., SOC., AND V.M.S. 374.
PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL. 369.
4 HOURS OR 1 UNIT.
*ONE DISC HOUR TO BE ARRANGED.

03454	LECT-DISC		*11	M W F	393	BEV HALL		TODD
	DISC		*ARR					

GEOG 378 DESCRIPTIVE INTERPRETATION OF REMOTE SENSORS.
TWO HALF-DAY SATURDAY FIELD TRIPS ARE REQUIRED.
4 HOURS OR 1 UNIT.

03455	LECT-DISC	S	2	TU TH	149	ADMIN		STAFF
03456	LAB	1	3-5	TU TH	324	D H		
03457	LAB	2	3-5	M W	324	D H		

GEOG 383 URBAN GEOGRAPHY.
3 HOURS OR 3/4 UNIT.

03458	LECT-DISC		1-215	TU TH	113	D H		FELLMANN

GEOG 384 INTERACTION IN THE GEOGRAPHICAL ENVIRONMENT.
3 HOURS OR 1 UNIT.

08623	LECT-DISC		11	M W F	323	D H		ROSEMAN

GEOG 421 REGIONAL CONCEPTS IN GEOGRAPHY.
PREREQUISITE: NINE HOURS OF REGIONAL GEOGRAPHY.
1/2 UNIT.

03459	CONF		ARR					GARLAND

GEOG 471 ADVANCED RESEARCH CONCEPTS.
PREREQUISITE: GEOG. 371.
1/2 UNIT.

08624	CONF	GO	ARR		219	D H		ROEPKE/ROSEMAN

GEOG 495 ADVANCED STUDIES IN GEOGRAPHY.
1/2 TO 2 UNITS.
WORK MAY BE TAKEN IN THE FOLLOWING FIELDS:

PHYSICAL GEOGRAPHY, AFRICA, AGRICULTURAL ORIGINS	A	ALEXANDER
ASIA, RESOURCE MANAGEMENT, TRANSPORTATION	C	BOOTH
URBAN, U. S. S. R.	D	FELLMAN
MIDDLE EAST, ADVANCED CARTOGRAPHY	E	FOSTER
ANGLO AMERICA, POLITICAL GEOGRAPHY, REGIONALISM	F	GARLAND
ECONOMIC GEOGRAPHY, INDUSTRIAL LOCATION, EUROPE	G	ROEPKE
MARKETING GEOGRAPHY	H	RUSSELL
HUMAN ECOLOGY, U. S. S. R.	I	SHIMKIN
LATIN AMERICA	J	THOMPSON
BIOMETEOROLOGY, CLIMATOLOGY	K	LINDE
GEOMORPHOLOGY, SOILS, PALEOECOLOGY, ZOOGEOGRAPHY	L	JOHNSON
HISTORICAL, SOCIAL AND CULTURAL GEOGRAPHY	M	JAKLE
SOCIAL GEOGRAPHY, MIGRATION, QUANTITATIVE METHODS	O	ROSEMAN
EDUCATIONAL GEOGRAPHY	P	MONK

03460	CONF	A	ARR					ALEXANDER
03461	CONF	D	ARR					FELLMANN
03462	CONF	F	ARR					GARLAND
03463	CONF	G	ARR					ROEPKE
03464	CONF	H	ARR					RUSSELL
03465	CONF	I	ARR					SHIMKIN
03466	CONF	J	ARR					THOMPSON
03467	CONF	K	ARR					LINDE
03468	CONF	L	ARR					JOHNSON
03469	CONF	M	ARR					JAKLE
03470	CONF	O	ARR					ROSEMAN
03471	CONF	P	ARR					MONK

GEOG 499 THESIS RESEARCH.
0 TO 4 UNITS.
03472 CONF ARR STAFF

GEOLOGY

DEPARTMENT OFFICE 249 N H B

LAS CURRICULUM IN GEOLOGY: A TOTAL OF 130 HOURS OF CREDIT INCLUDING THE FOLLOWING COURSES: GEOLOGY 101, 102, 215, 301 OR 307 OR 357, 311, 320, 321, 331, 332, 335 AND 336; CHEMISTRY 101 AND 102 OR CHEMISTRY 107 AND 108; PHYSICS 106, 107 AND 108; MATHEMATICS 120, 130 AND 140 AND 8 HOURS OF BIOLOGICAL SCIENCE.

LAS GENERAL CURRICULUM:

MAJOR: NOT LESS THAN TWENTY HOURS IN GEOLOGY, EXCLUDING ALL 100-LEVEL GEOLOGY COURSES EXCEPT GEOLOGY 115. INCLUDED MUST BE GEOLOGY 331 AND 332 OR GEOLOGY 233, GEOLOGY 320 AND 321 OR GEOLOGY 222, GEOLOGY 215, AND AT LEAST ONE ADDITIONAL 300-LEVEL COURSE IN GEOLOGY.

IN ADDITION THE STUDENT MUST COMPLETE EITHER CHEMISTRY 101 OR 107, PHYSICS 101 OR 106, AND MATHEMATICS 120.

MINORS: TWENTY HOURS CHOSEN FROM ONE OR TWO OF THE FOLLOWING SUBJECTS-ANTHROPOLOGY, ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, CIVIL ENGINEERING, ECONOMICS, GEOGRAPHY, MATHEMATICS, MINING ENGINEERING, PHYSICS, AND ZOOLOGY, AFTER CONSULTATION WITH THE DEPARTMENT OF GEOLOGY. AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH SUBJECT IF TWO ARE CHOSEN.

DEPARTMENTAL DISTINCTION: STUDENTS WHO MAINTAIN A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL GEOLOGY COURSES AND 4.0 IN ALL OTHER SCIENCE AND MATHEMATICS COURSES, AND WHO COMPLETE AN ACCEPTABLE BACHELOR'S THESIS BASED ON UNDERGRADUATE RESEARCH ARE RECOMMENDED FOR GRADUATION WITH DEPARTMENTAL DISTINCTION.

AT LEAST ONE YEAR OF GRADUATE WORK IS NECESSARY AS FURTHER TRAINING FOR ALL PROFESSIONAL WORK IN GEOLOGY. STUDENTS INTERESTED IN OCEANOGRAPHY SHOULD CONSULT WITH ADVISERS IN THE DEPARTMENT OF GEOLOGY.

ESTIMATED FIELD TRIP COSTS ARE TO BE PAID TO THE DEPARTMENT OF GEOLOGY. SUBSISTENCE EXPENSES ON SUCH FIELD TRIPS ARE A STUDENT RESPONSIBILITY.

GEOL 101 PHYSICAL GEOLOGY.
FIELD TRIP, ESTIMATED COST $6.00.
4 HOURS.
STUDENTS ENROLL IN LAB-DISC/LECTURE COMBINATION.
*SECTION 65 IS RESERVED FOR JAMES SCHOLARS AND OTHER SUPERIOR STUDENTS. ADMISSION TO THIS SECTION REQUIRES CONCURRENT REGISTRATION IN GEOLOGY 111.
THIS COURSE IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE.

03473	LAB-DISC	1	8-10	TU	251	N H B	
	LECT	8	9	M W F	228	N H B	PRIDE
03474	LAB-DISC	2	10-12	TU	251	N H B	
	LECT	8	9	M W F	228	N H B	
03475	LAB-DISC	3	1-3	TU	251	N H B	
	LECT	8	9	M W F	228	N H B	
03476	LAB-DISC	4	3-5	TU	251	N H B	
	LECT	8	9	M W F	228	N H B	
03484	LAB-DISC	*65	1-3	TU	120	N H B	
	LECT	*8	9	M W F	228	N H B	

GEOL 101 CONTINUED

03477	LAB-DISC	6	8-10	TH	251	N H B		
	LECT	B	9	M W F	228	N H B		
03478	LAB-DISC	7	10-12	W	251	N H B		
	LECT	B	9	M W F	228	N H B		
03479	LAB-DISC	8	1-3	TH	251	N H B		
	LECT	B	9	M W F	228	N H B		
03480	LAB-DISC	9	3-5	W	251	N H B		
	LECT	B	9	M W F	228	N H B		
03481	LAB-DISC	10	3-5	W	251	N H B		
	LECT	B	9	M W F	228	N H B		
03482	LAB-DISC	11	10-12	M	251	N H B		
	LECT	B	9	M W F	228	N H B		
03483	LAB-DISC	12	1-3	W	251	N H B		
	LECT	B	9	M W F	228	N H B		

GEOL 102 HISTORICAL GEOLOGY.

PREREQUISITE: GEOL. 101 OR 105 OR 250, OR L. A. S. 142.
FIELD TRIP, ESTIMATED COST $6.00.
4 HOURS.
STUDENTS MUST REGISTER IN ONE LAB-DISC/LECT COMBINATION.
*HONORS STUDENTS MUST REGISTER IN ONE &16 OR &17 LAB-DISC/LECT COMBINATION AND MUST REGISTER CONCURRENTLY IN GEOL 112.
*SECTION A IS INTENDED PRIMARILY FOR STUDENTS WHO PLAN TO MAJOR IN GEOLOGY OR IN OTHER SCIENCE; SECTION C IS INTENDED PRIMARILY FOR STUDENTS NOT MAJORING IN SCIENCE. SECTION F WILL EMPHASIZE THE HISTORY OF LIFE.

03500	LAB-DISC	*1	10-12	M	241	N H B		
	LECT	*A	8	M W F	229	N H B		LANGENHEIM
03501	LAB-DISC	*2	8-10	TU	241	N H B		
	LECT	*A	8	M W F	229	N H B		
03485	LAB-DISC	3	3-5	TU	241	N H B		
	LECT	C	10	M W F	228	N H B		CAROZZI
03486	LAB-DISC	4	8-10	TH	241	N H B		
	LECT	C	10	M W F	228	N H B		
03487	LAB-DISC	5	8-10	M	241	N H B		
	LECT	C	10	M W F	228	N H B		
03488	LAB-DISC	6	10-12	TU	241	N H B		
	LECT	C	10	M W F	228	N H B		
03489	LAB-DISC	7	10-12	TH	241	N H B		
	LECT	C	10	M W F	228	N H B		
03490	LAB-DISC	8	10-12	TH	251	N H B		
	LECT	C	10	M W F	228	N H B		
03491	LAB-DISC	9	1-3	TU	241	N H B		
	LECT	C	10	M W F	228	N H B		
03492	LAB-DISC	10	1-3	W	241	N H B		
	LECT	C	10	M W F	228	N H B		
03493	LAB-DISC	11	1-3	TH	241	N H B		
	LECT	C	10	M W F	228	N H B		
03494	LAB-DISC	12	3-5	M	241	N H B		
	LECT	C	10	M W F	228	N H B		
03495	LAB-DISC	13	8-10	W	241	N H B		
	LECT	C	10	M W F	228	N H B		
03502	LAB-DISC	*14	3-5	TH	241	N H B		
	LECT	*F	2	M W F	229	N H B		BLAKE
03503	LAB-DISC	*15	3-5	W	241	N H B		
	LECT	*F	2	M W F	229	N H B		
03504	LAB-DISC	*&16	1-3	TH	120	N H B		
	LECT	*A	8	M W F	229	N H B		
03496	LAB-DISC	*&16	1-3	TH	120	N H B		
	LECT	*C	10	M W F	228	N H B		
03497	LAB-DISC	*&16	1-3	TH	120	N H B		
	LECT	*F	2	M W F	229	N H B		
03498	LAB-DISC	*&17	8-10	TH	120	N H B		
	LECT	*A	8	M W F	229	N H B		
03499	LAB-DISC	*&17	8-10	TH	120	N H B		
	LECT	*C	10	M W F	228	N H B		
03505	LAB-DISC	*&17	8-10	TH	120	N H B		
	LECT	*F	2	M W F	229	N H B		

GEOL 111 HONORS: PHYSICAL GEOLOGY.

PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS SECTIONS OF GEOL. 101. JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP, ESTIMATED COST $20.00.
1 HOUR.

03506	LAB-DISC	&	7PM	W	120	N H B		BUCKLEY HAGNER

GEOL 112 HONORS: HISTORICAL GEOLOGY.
PREREQUISITE: CONCURRENT REGISTRATION IN THE HONORS LABORATORY OF GEOL. 102, JAMES SCHOLAR OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP, ESTIMATED COST $20.00.
1 HOUR.

03507	LAB-DISC	E	4	W	147	N H B		SANDBERG

GEOL 115 REGIONAL FIELD STUDY.
PREREQUISITE: GEOL. 101, 105, OR 250, OR L. A. S. 142.
*CREDIT IS GIVEN ONLY ON COMPLETION OF A SATISFACTORY WRITTEN REPORT.
*2 HOURS.
ENROLLMENT LIMITED. SEE INSTRUCTOR.

03508	LAB-DISC		ARR					LANGENHEIM

GEOL 143 ENVIRONMENTAL PHYSICAL SCIENCE.
SAME AS L. A. S. 143.
4 HOURS.

03509	LECT	X	12	M W F	100	M M B		T. ANDERSON,
03510	LECT	G	3	M W F	100	M M B		P. A. DOMENICO
03511	DISC	1	8	TU	1030	F L B		V. PALCIAUSKAS
03512	DISC	2	9	TU	1030	F L B		
03513	DISC	3	10	TU	1030	F L B		
03514	DISC	4	11	TU	1030	F L B		
03515	DISC	5	12	TU	1030	F L B		
03516	DISC	6	1	TU	1030	F L B		
03517	DISC	7	2	TU	1030	F L B		
03518	DISC	8	3	TU	1030	F L B		
03519	DISC	9	4	TU	1030	F L B		
03520	DISC	10	4	TU	1022	F L B		

GEOL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

03521	CONF		ARR					STAFF

GEOL 233 MINERALS AND ROCKS.
PREREQUISITE: CHEM. 101, GEOL. 102, OR CONSENT OF INSTRUCTOR.
*CREDIT NOT ALLOWED FOR BOTH GEOL. 233 AND 331.
*4 HOURS.

03522	LECT		9	TU TH	109	N H B		HAGNER
	LAB		10-12	TU TH	109	N H B		

GEOL 290 RESEARCH AND THESIS.
CREDIT TO BE ARRANGED.

03523	CONF		ARR					STAFF

GEOL 311 STRUCTURAL GEOLOGY.
PREREQUISITE: GEOL. 102, G. E. 205, OR CONSENT OF INSTRUCTOR.
2 DAY FIELD TRIP.
4 HOURS OR 1 UNIT.

03524	LECT		10	M W F	147	N H B		WOOD
03525	LAB	1	1-3	TU	147	N H B		
03526	LAB	2	3-5	TU	147	N H B		
03527	LAB	3	1-3	TH	147	N H B		
03528	LAB	4	3-5	TH	147	N H B		

GEOL 315 ADVANCED FIELD METHODS.
PREPARATION OF A REPORT.
PREREQUISITE: GEOL. 215.
2 TO 8 HOURS, OR 1/2 TO 2 UNITS.

03529	CONF		ARR					STAFF

GEOL 321 PRINCIPLES OF STRATIGRAPHY.
PREREQUISITE: GEOL. 102.
4 HOURS OR 1 UNIT.

03530	LECT		11	M W F	229	N H B		LANGENHEIM
03531	LAB	1	8-10	TU	120	N H B		
03532	LAB	2	10-12	TU	120	N H B		
03533	LAB	3	10-12	TH	120	N H B		

GEOL 332 MINERALOGY-PETROLOGY.
PREREQUISITE: GEOL. 331.
4 HOURS OR 1 UNIT.

03534	LECT		9	M W	147	N H B	D. ANDERSON
03535	LAB	1	1-3	M W	109	N H B	
03536	LAB	2	3-5	M W	109	N H B	
03537	LAB	3	3-5	TU TH	109	N H B	

GEOL 336 PETROGRAPHY.
PREREQUISITE: GEOL. 335.
4 HOURS OR 1 UNIT.

03538	LECT		9	TU TH	147	N H B	CHAPMAN, KLEIN
03539	LAB	1	1-3	TU TH	204	N H B	
03540	LAB	2	3-5	TU TH	204	N H B	

GEOL 351 GEOPHYSICAL PROSPECTING.
SAME AS MIN. E. 351.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR GEOLOGY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

03541	LECT-DISC		9	M W F	403	M M B	DE WITTE

GEOL 357 GLACIAL AND PLEISTOCENE GEOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

03542	LECT		1	M W F	229	N H B	JOHNSON
03543	LAB-DISC	1	1-3	TH	229	N H B	
03544	LAB-DISC	2	3-5	TH	229	N H B	

GEOL 360 CHEMISTRY OF THE EARTH.
PREREQUISITE: GEOL. 332.
3 HOURS OR 3/4 UNIT.

03545	LECT		9	M W F	229	N H B	T. ANDERSON, GRAF

GEOL 421 ADVANCED INTEVERTEBRATE PALEONTOLOGY.
PREREQUISITE: GEOL. 320 OR ZOOL. 320.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.

03546	LECT-DISC		3-5	TU TH	120	N H B	BLAKE SANDBERG

GEOL 431 STRUCTURAL MINERALOGY.
PREREQUISITE: GEOL. 430 AND CONSENT OF INSTRUCTOR.
1 UNIT.

03547	LECT		1	M W F	208	N H B	GUVEN, HENDERSON HOLDER
	LAB		1-3	TU	109	N H B	

GEOL 432 SEDIMENTARY GEOCHEMISTRY.
PREREQUISITE: GEOL. 360 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR; SOME BACKGROUND IN PHYSICAL CHEMISTRY DESIRABLE.
1 UNIT.

03548	LECT		11	M W F	109	N H B	GRAF

GEOL 435 IGNEOUS PETROLOGY.
1 UNIT.

03549	LECT		2	M W F	204	N H B	CHAPMAN
	LAB		ARR				

GEOL 438 SEDIMENTARY PETROGRAPHY.
PREREQUISITE: GEOL. 335 AND 437.
1 UNIT.

03550	LECT		3	M W F	245	N H B	CAROZZI
03551	LAB	1	1-3	TU	245	N H B	
03552	LAB	2	3-5	TU	245	N H B	

GEOL 451 PRACTICE OF ENGINEERING GEOLOGY.
PREREQUISITE: GEOL. 450 AND C. E. 383, OR CONSENT OF INSTRUCTOR.
THREE OR FOUR DAY FIELD TRIP TO VISIT ENGINEERING CONSTRUCTION PROJECTS IS INTEGRAL PART OF COURSE.
1 UNIT.

03553	LAB-DISC		9-12	S	316	N H B	DEERE

GEOL 471 SUBMARINE GEOLOGY.
PREREQUISITE: ONE YEAR OF PHYSICS OR CONSENT OF INSTRUCTOR.
1 UNIT.

03554	LECT		1	M W F	147	N H B	

GEOL 477 RECENT SEDIMENTARY ENVIRONMENTS.
PREREQUISITE: GEOL. 437 OR CONSENT OF INSTRUCTOR.
1 UNIT.

03555	LECT		2	M W F	134	N H B	KLEIN

GEOL 489 GEOTECTONICS.
PREREQUISITE: GEOL. 311. OR CONSENT OF INSTRUCTOR.
1 UNIT.

03556	LECT		11	M W F	147	N H B	WOOD

GEOL 493 ADVANCED STUDIES IN GEOLOGY.
1/2 TO 2 UNITS.
A--CLAY MINERALOGY
B--ENGINEERING GEOLOGY
C--GEOMORPHOLOGY AND GLACIAL GEOLOGY
D--GEOTECTONICS
E--GROUND-WATER GEOLOGY
F--MICROPALEONTOLOGY
G--MINERAL DEPOSITS
H--MINERALOGY AND CRYSTALLOGRAPHY
I--PALEONTOLOGY
J--GEOCHEMISTRY
K--GEOPHYSICS
L--PETROGRAPHY AND PETROLOGY
M--SEDIMENTOLOGY
N--STRATIGRAPHY
O--OCEANOGRAPHY AND OCEAN ENGINEERING
P--SUBMARINE GEOLOGY
Q--STRUCTURAL GEOLOGY
R--MATHEMATICAL GEOLOGY

03557	CONF	A	ARR				GUVEN
03558	CONF	B	ARR				DEERE
03559	CONF	C	ARR				JOHNSON
03560	CONF	D	ARR				CAROZZI, WOOD
03561	CONF	E	ARR				DOMENICO
03562	CONF	F	ARR				COLLINSON, HAY AND SANDBERG
03563	CONF	G	ARR				HAGNER
03564	CONF	H	ARR				GUVEN, HENDERSON
03565	CONF	I	ARR				BLAKE, HAY AND LANGENHEIM
03566	CONF CONF	J	ARR				T. ANDERSON, GRAF
03567	CONF CONF	K	ARR				DONATH, HOLDER & PALCIAUSKAS
03568	CONF	L	ARR				D. ANDERSON, CHAPMAN
03569	CONF	M	ARR				CAROZZI, KLEIN AND STANLEY
03570	CONF	N	ARR				LANGENHEIM, MANN
03571	CONF	O	ARR				HAY, KLEIN, STANLEY
03572	CONF	P	ARR				KLEIN, STANLEY
03573	CONF	Q	ARR				DONATH, WOOD
03574	LECT	R	1030-12	TU TH	147	N H B	PALCIAUSKAS

GEOL 499 THESIS RESEARCH.
0 TO 4 UNITS.

03575	CONF		ARR				STAFF

GERMANIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 371 L H

MAJOR: TWENTY-FOUR HOURS IN GERMAN, EXCLUDING GERMAN 101, 102, 103, 104, AND 113, AND INCLUDING GERMAN 302, 303, 320, AND ONE OTHER LITERATURE COURSE AT THE 300-LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS CHOSEN FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT: EDUCATION, ENGLISH (EXCLUDING RHET. 101, 102, AND 200), FRENCH, GREEK, HISTORY, ITALIAN, LATIN, LIBRARY SCIENCE, LINGUISTICS (EXCLUDING LING. 301), MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, SCANDINAVIAN, AND SPANISH. THE FIRST SEMESTER OF ANY FOREIGN LANGUAGE (FR. 101, GRK. 101, ITAL. 101, LAT. 101, PORT. 101, RUSS. 101, SPAN. 101) MAY NOT BE COUNTED TOWARD A MINOR IN THAT LANGUAGE.

GER 101 ELEMENTARY COURSE. I.
4 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE, ONE LECTURE-DISCUSSION AND FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3-M28 SECTIONS.

03576	LECT	P	11	TU		101	ARMORY
03577	LECT-DISC	A	8	M	WTH	332	ARMORY
03578	LECT-DISC	B	9	M	WTH	332	ARMORY
03579	LECT-DISC	C	10	M	WTH	332	ARMORY
03580	LECT-DISC	D	11	M	WTH	332	ARMORY
03581	LECT-DISC	X	12	M	WTH	332	ARMORY
03582	LECT-DISC	F	2	M	WTH	332	ARMORY
03583	LECT-DISC	G	3	M	WTH	332	ARMORY
03584	LAB	M3	8-830	M	W	202	L H
03585	LAB	M4	830-9	M	W	202	L H
03586	LAB	M5	9-930	M	W	202	L H
03587	LAB	M6	930-10	M	W	202	L H
03588	LAB	M7	10-1030	M	W	202	L H
03589	LAB	M8	1030-11	M	W	202	L H
03590	LAB	M9	11-1130	M	W	202	L H
03591	LAB	M10	1130-12	M	W	202	L H
03592	LAB	M11	12-1230	M	W	202	L H
03593	LAB	M12	1230-1	M	W	202	L H
03594	LAB	M13	1-130	M	W	202	L H
03595	LAB	M14	130-2	M	W	202	L H
03596	LAB	M15	2-230	M	W	202	L H
03597	LAB	M16	230-3	M	W	202	L H
03598	LAB	M17	3-330	M	W	202	L H
03599	LAB	M18	330-4	M	W	202	L H
03600	LAB	M19	4-430	M	W	202	L H
03601	LAB	M20	430-5	M	W	202	L H
03602	LAB	M21	5-530	M	W	202	L H
03603	LAB	M22	530-6	M	W	202	L H
03604	LAB	M25	7-730PM	M	W	202	L H
03605	LAB	M26	730-8PM	M	W	202	L H
03606	LAB	M27	8-830PM	M	W	202	L H
03607	LAB	M28	830-9PM	M	W	202	L H
03608	LAB	M29	ARR			202	L H

GER 102 ELEMENTARY COURSE. II.
PREREQUISITE: ONE SEMESTER OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY, SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.

03609	LECT-DISC	A1	8	MTUWTH	G36	F L B
03610	LECT-DISC	A2	8	MTUWTH	G46	F L B
03611	LECT-DISC	B1	9	MTUWTH	G36	F L B
03612	LECT-DISC	B2	9	MTUWTH	216	L H
03613	LECT-DISC	C1	10	MTUWTH	G36	F L B
03614	LECT-DISC	C2	10	MTUWTH	G46	F L B
03615	LECT-DISC	D1	11	MTUWTH	G36	F L B
03616	LECT-DISC	D2	11	MTUWTH	G46	F L B
03617	LECT-DISC	X1	12	MTUWTH	G36	F L B
03618	LECT-DISC	E1	1	MTUWTH	G36	F L B
03619	LECT-DISC	E2	1	MTUWTH	216	L H
03620	LECT-DISC	F1	2	MTUWTH	G36	F L B

GER 102 CONTINUED

03621	LECT-DISC	F2	2	MTUWTH		G46	F L B	
03622	LECT-DISC	G	3	MTUWTH		G36	F L B	
03623	LAB	M3	8-830	M	W	202	L H	
03624	LAB	M4	830-9	M	W	202	L H	
03625	LAB	M5	9-930	M	W	202	L H	
03626	LAB	M6	930-10	M	W	202	L H	
03627	LAB	M7	10-1030	M	W	202	L H	
03628	LAB	M8	1030-11	M	W	202	L H	
03629	LAB	M9	11-1130	M	W	202	L H	
03630	LAB	M10	1130-12	M	W	202	L H	
03631	LAB	M11	12-1230	M	W	202	L H	
03632	LAB	M12	1230-1	M	W	202	L H	
03633	LAB	M13	1-130	M	W	202	L H	
03634	LAB	M14	130-2	M	W	202	L H	
03635	LAB	M15	2-230	M	W	202	L H	
03636	LAB	M16	230-3	M	W	202	L H	
03637	LAB	M17	3-330	M	W	202	L H	
03638	LAB	M18	330-4	M	W	202	L H	
03639	LAB	M19	4-430	M	W	202	L H	
03640	LAB	M20	430-5	M	W	202	L H	
03641	LAB	M21	5-530	M	W	202	L H	
03642	LAB	M22	530-6	M	W	202	L H	
03643	LAB	M25	7-730PM	M	W	202	L H	
03644	LAB	M26	730-8PM	M	W	202	L H	
03645	LAB	M27	8-830PM	M	W	202	L H	
03646	LAB	M28	830-9PM	M	W	202	L H	
03647	LAB	M29	ARR	M	W	202	L H	

GER 103 INTERMEDIATE COURSE. I.

PREREQUISITE: TWO SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY. SELECTING ONE SECTION FROM THE M3 TO M28 SECTIONS.
*SECTION C2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS MUST ALSO ENROLL IN THE SPECIAL D2 SECTION OF GERMAN 104.

03648	LECT-DISC	A	8	MTUWTH		432	ARMORY	
03649	LECT-DISC	B	9	MTUWTH		432	ARMORY	
03650	LECT-DISC	C1	10	MTUWTH		432	ARMORY	
03676	LECT-DISC	*C2	10	MTUWTH		152	ARMORY	ALLEN
03651	LECT-DISC	D1	11	MTUWTH		432	ARMORY	
03652	LECT-DISC	E1	1	MTUWTH		432	ARMORY	
03653	LECT-DISC	F	2	MTUWTH		432	ARMORY	
03654	LAB	M3	8-830	M	W	202	L H	
03655	LAB	M4	830-9	M	W	202	L H	
03656	LAB	M5	9-930	M	W	202	L H	
03657	LAB	M6	930-10	M	W	202	L H	
03658	LAB	M7	10-1030	M	W	202	L H	
03659	LAB	M8	1030-11	M	W	202	L H	
03660	LAB	M9	11-1130	M	W	202	L H	
03661	LAB	M10	1130-12	M	W	202	L H	
03662	LAB	M11	12-1230	M	W	202	L H	
03663	LAB	M12	1230-1	M	W	202	L H	
03664	LAB	M13	1-130	M	W	202	L H	
03665	LAB	M14	130-2	M	W	202	L H	
03666	LAB	M15	2-230	M	W	202	L H	
03667	LAB	M16	230-3	M	W	202	L H	
03668	LAB	M17	3-330	M	W	202	L H	
03669	LAB	M18	330-4	M	W	202	L H	
03670	LAB	M19	4-430	M	W	202	L H	
03671	LAB	M20	430-5	M	W	202	L H	
03672	LAB	M25	7-730PM	M	W	202	L H	
03673	LAB	M26	730-8PM	M	W	202	L H	
03674	LAB	M27	8-830PM	M	W	202	L H	
03675	LAB	M28	830-9PM	M	W	202	L H	

GER 104 INTERMEDIATE COURSE. II.
PREREQUISITE: THREE SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR TWO HALF-HOUR PERIODS IN THE LANGUAGE LABORATORY. SELECTING ONE SECTION FROM M3 TO M28 SECTIONS.
*SECTION D2 IS A SPECIAL SECTION FOR STUDENTS WHO WISH TO TAKE GERMAN 103 AND 104 CONCURRENTLY AS AN EIGHT-HOUR INTENSIVE COURSE. STUDENTS MUST ALSO ENROLL IN THE SPECIAL C2 SECTION OF GERMAN 103.

03677	LECT-DISC	A	8	MTUWTH	210	C A		
03678	LECT-DISC	B1	9	MTUWTH	210	C A		
03679	LECT-DISC	B2	9	MTUWTH	145	ARMORY		
03680	LECT-DISC	C1	10	MTUWTH	210	C A		
03681	LECT-DISC	D1	11	MTUWTH	210	C A		
03708	LECT-DISC	*D2	11	MTUWTH	145	ARMORY		ALLEN
03682	LECT-DISC	X	12	MTUWTH	210	C A		
03683	LECT-DISC	E1	1	MTUWTH	210	C A		
03684	LECT-DISC	F	2	MTUWTH	210	C A		
03685	LECT-DISC	G	3	MTUWTH	210	C A		
03686	LAB	M3	8-830	M W	202	L H		
03687	LAB	M4	830-9	M W	202	L H		
03688	LAB	M5	9-930	M W	202	L H		
03689	LAB	M6	930-10	M W	202	L H		
03690	LAB	M7	10-1030	M W	202	L H		
03691	LAB	M8	1030-11	M W	202	L H		
03692	LAB	M9	11-1130	M W	202	L H		
03693	LAB	M10	1130-12	M W	202	L H		
03694	LAB	M11	12-1230	M W	202	L H		
03695	LAB	M12	1230-1	M W	202	L H		
03696	LAB	M13	1-130	M W	202	L H		
03697	LAB	M14	130-2	M W	202	L H		
03698	LAB	M15	2-230	M W	202	L H		
03699	LAB	M16	230-3	M W	202	L H		
03700	LAB	M17	3-330	M W	202	L H		
03701	LAB	M18	330-4	M W	202	L H		
03702	LAB	M19	4-430	M W	202	L H		
03703	LAB	M20	430-5	M W	202	L H		
03704	LAB	M25	7-730PM	M W	202	L H		
03705	LAB	M26	730-8PM	M W	202	L H		
03706	LAB	M27	8-830PM	M W	202	L H		
03707	LAB	M28	830-9PM	M W	202	L H		

GER 112 ELEMENTARY SPEAKING.
PREREQUISITE: ONE SEMESTER OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03709	LECT-DISC	D	11	MTUWTH	1046	F L B		MCGLATHERY
03710	LECT-DISC	X	12	MTUWTH	1046	F L B		SELL

GER 113 INTERMEDIATE SPEAKING. I.
PREREQUISITE: TWO SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03711	LECT-DISC	D	11	MTUWTH	162	L H		SCHOEPS

GER 114 INTERMEDIATE SPEAKING. II.
PREREQUISITE: THREE SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03712	LECT-DISC	C	10	MTUWTH	1046	F L B		
03713	LECT-DISC	E	1	MTUWTH	1046	F L B		FOLTER

GER 122 ELEMENTARY READING.
PREREQUISITE: ONE SEMESTER OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03714	LECT-DISC	B	9	MTUWTH	646	F L B		SCHWALBE
03715	LECT-DISC	C	10	MTUWTH	201	N L		JOHNSON
03716	LECT-DISC	F	1	MTUWTH	201	N L		

GER 123 INTERMEDIATE READING. I.
PREREQUISITE: TWO SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03717	LECT-DISC	C	10	MTUWTH	362	L H		
03718	LECT-DISC	F	1	MTUWTH	648	F L B		JOHNSON

GER 124 INTERMEDIATE READING. II.
PREREQUISITE: THREE SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
4 HOURS.

03719	LECT-DISC	B	9	MTUWTH	201	N L		
03720	LECT-DISC	D	11	MTUWTH	201	N L		JOHNSON
03721	LECT-DISC	E	1	MTUWTH	332	ARMORY		MCGLATHERY

GER 134 INTRODUCTION TO LITERATURE, I.
PREREQUISITE: THREE SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
3 HOURS.

03722	LECT-DISC	X	12	M	WTH	336	L	H	STERN

GER 135 INTRODUCTION TO LITERATURE, II.
PREREQUISITE: FOUR SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
3 HOURS.

03723	LECT-DISC	X	12	M	WTH	1048	F	L B	ALLEN

GER 142 INTRODUCTION TO GERMAN STUDIES.
PREREQUISITE: ONE SEMESTER OF COLLEGE GERMAN OR EQUIVALENT.
2 HOURS.

03724	LECT-DISC	N	10	TU	TH	186	L	H	HAILE

GER 153 PRACTICE IN CONVERSATION.
PREREQUISITE: TWO SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
2 HOURS.

03725	LECT-DISC	M	9	TU	TH	1048	F	L B	SCHOEPS
03726	LECT-DISC	P	11	TU	TH	1048	F	L B	SCHOEPS

GER 164 PRACTICE IN WRITING.
PREREQUISITE: THREE SEMESTERS OF COLLEGE GERMAN OR EQUIVALENT.
2 HOURS.

03727	LECT-DISC	R	1	TU	TH	1048	F	L B	DELLORTO

GER 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION M TOPIC: GERMAN LYRICS FOR BEGINNERS.
SECTION P TOPIC: GERMAN LITERATURE AND ITS RELATION TO ART. NO KNOWLEDGE OF GERMAN REQUIRED.

03728	CONF		ARR						
03729	LECT-DISC	M	9	TU	TH	G48	F	L B	HAILE
03730	LECT-DISC	P	11	TU	TH	1110	F	L B	PABISCH

GER 201 GERMAN LITERATURE SINCE 1648 IN ENGLISH TRANSLATION.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

03731	LECT-DISC	C	10	M	W F	G48	F	L B	FIGGE

GER 202 SOCIETY IN THE NOVEL.
NO KNOWLEDGE OF GERMAN REQUIRED.
3 HOURS.

03732	LECT-DISC	B	9	M	W F	G48	F	L B	DELL ORTO

GER 203 GOETHE IN TRANSLATION.
SAME AS C. LIT. 203.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

03733	LECT-DISC	C	10	M	W F	1048	F	L B	HAILE

GER 204 MEDIEVAL LITERATURE IN TRANSLATION.
SAME AS C. LIT. 204.
3 HOURS.
NO KNOWLEDGE OF GERMAN REQUIRED.

03734	LECT-DISC	D	11	M	W F	1048	F	L B	GRAY

GER 210 MASTERPIECES OF GERMAN LITERATURE.
PREREQUISITE: TWO YEARS OF COLLEGE GERMAN OR EQUIVALENT.
3 HOURS.

03735	LECT-DISC	C	10	M	W F	336	L	H	STEGEMEIER
03736	LECT-DISC	D	11	M	W F	336	L	H	GRAY
03737	LECT-DISC	E	1	M	W F	336	L	H	SELL

GER 211 CONVERSATION AND WRITING, I.
PREREQUISITE: GER. 103 AND 113, OR GER. 104, OR EQUIVALENT.
3 HOURS.

03738	LECT-DISC	F1	2	MTUWTH		1046	F	L B	GERLACH
03739	LECT-DISC	F2	2	MTUWTH		336	L	H	
03740	LECT-DISC	G1	3	MTUWTH		1046	F	L B	
03741	LECT-DISC	G2	3	MTUWTH		336	L	H	

GER 212 CONVERSATION AND WRITING. II.
PREREQUISITE: GER. 211 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
3 HOURS.

03742	LECT-DISC	F1	2	MTUWTH	1048	F L B		
03743	LECT-DISC	F2	2	MTUWTH	186	L H		R. HOFMEISTER
03744	LECT-DISC	G1	3	MTUWTH	1048	F L B		FOLTER
03745	LECT-DISC	G2	3	MTUWTH	186	L H		R. HOFMEISTER

GER 250 THE GERMAN NOVELLE OF THE NINETEENTH CENTURY.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

03746	LECT-DISC	X	12	M W F	186	L H		BURKHARD

GER 251 THE GERMAN NOVELLE OF THE TWENTIETH CENTURY.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

03747	LECT-DISC	C	10	M W F	186	L H		SCHWALBE

GER 253 TWENTIETH CENTURY GERMAN DRAMA.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.

03748	LECT-DISC	D	11	M W F	G48	F L B		SCHOEPS

GER 270 TWENTIETH CENTURY GERMAN LITERATURE.
PREREQUISITE: GER. 210 OR EQUIVALENT.
3 HOURS.
WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.

03749	LECT-DISC	F	1	MTUWTHF	329	G H		LORBE

GER 281 TEACHERS COURSE.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.

03750	LECT-DISC	X	12	MTUWTHF	G46	F L B		GERLACH

GER 292 SENIOR THESIS AND HONORS COURSE. II.
PREREQUISITE: SENIOR STANDING, CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

03751	CONF		APR					

GER 302 GERMAN LITERATURE SINCE 1700.
PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

03752	LECT-DISC	A	8	M W F	186	L H		MCGLATHERY

GER 303 ADVANCED CONVERSATION, COMPOSITION, AND SYNTAX.
PREREQUISITE: GER. 211 AND 212, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

03753	LECT-DISC	F	2	MTUWTH	329	G H		FOLTER

GER 304 ADVANCED CONVERSATION.
WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.
PREREQUISITE: GER. 303 OR EQUIVALENT.
1 HOUR OR 0 UNIT.

03754	LECT-DISC	T	3	TU TH	329	G H		SCHOEPS

GER 305 MODERN GERMAN POETRY.
PREREQUISITE: GER. 210 AND ONE OTHER LITERATURE COURSE, OR
EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

03755	LECT-DISC	D	11	M W F	329	G H		LORBE

GER 312 GOETHES FAUST.
PREREQUISITE: GER. 210 AND ONE OTHER COURSE IN GERMAN LITERATURE
OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

03756	LECT-DISC	B	9	M W F	329	G H		HAILE

GER 365 GERMAN PHONOLOGY AND MORPHOLOGY.
PREREQUISITE: THREE YEARS OF COLLEGE GERMAN, OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.
WILL NOT MEET DURING SIX WEEK STUDENT TEACHING PERIOD.

03757	LECT-DISC	C	10	MTUWTHF	329	G H	RAUCH

GER 366 GERMAN SYNTAX.
PREREQUISITE: GER. 365 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

03758	LECT-DISC	E	1	M W F	1048	F L B	RAUCH

GER 392 TOPICS IN GERMAN LITERATURE.
PREREQUISITE: TWO ADVANCED COURSES IN GERMAN LITERATURE.
4 HOURS, OR 3/4 OR 1 UNIT.
*SECTION G TOPIC: INTERPRETATIONSUBUNGEN MIT TEXTEN DES 19
JAHRHUNDERTS.
*SECTION T TOPIC: EXPRESSIONISM IN THE GERMAN FILM.

03759	LECT-DISC	*G	3-530	M	G48	F L B	BURKHARD
03760	LECT-DISC	*T	3-5	TU TH	G46	F L B	FIGGE

GER 400 BEGINNING GERMAN FOR GRADUATE STUDENTS.
4 HOURS.

03761	LECT-DISC	A	8	MTUWTH	G48	F L B	
03762	LECT-DISC	X	12	MTUWTH	G48	F L B	

GER 401 READINGS IN GERMAN FOR GRADUATE STUDENTS.
PREREQUISITE: GER. 400 OR EQUIVALENT.
4 HOURS.
*SECTION X1 DOES READINGS PARTICULARLY IN THE HUMANITIES AND SOCIAL
SCIENCES. SECTION A2 DOES READINGS IN THE NATURAL SCIENCES.

03764	LECT-DISC	*A2	8	M W F	201	N L	
03763	LECT-DISC	*X1	12	M W F	329	G H	

GER 416 MIDDLE HIGH GERMAN LITERATURE.
PREREQUISITE: GER. 415 OR EQUIVALENT.
1 UNIT.

03765	LECT-DISC	C	10	M W F	429	LIB	GRAY

GER 420 HISTORY OF THE GERMAN LANGUAGE.
PREREQUISITE: GER. 365.
1 UNIT.

03766	LECT-DISC	E	1	M W F	G46	F L B	ANTONSEN

GER 432 GERMAN LITERATURE FROM 1400 TO 1700.
1 UNIT.

03767	LECT-DISC	F	2	M W F	G48	F L B	STEGEMEIER

GER 447 OLD SAXON.
PREREQUISITE: GER. 445 OR ENGL. 401.
1 UNIT.

03768	LECT-DISC	D	11	M W F	429	LIB	RAUCH

GER 460 SEMINAR IN OLDER GERMAN LITERATURE.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.
TOPIC: LYRIK UND MINNESANG VOR WALTHER VON DER VOGELWEIDE.

03769	LECT-DISC	B	9	M W F	1048	F L B	GRAY

GER 461 SEMINAR IN MODERN GERMAN LITERATURE.
SAME AS C. LIT. 482.
PREREQUISITE: GER. 411 AND 495.
1 UNIT.

03770	LECT-DISC	G	3-530	W	G48	F L B	

GER 481 SEMINAR IN LITERARY THEMES AND TYPES.
SAME AS C. LIT. 481.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.
TOPIC: AMERICAN THEMES AND MOTIFS IN 19TH CENTURY GERMAN
LITERATURE.

03771	LECT-DISC		4-6	TU	G48	F L B	JOST

GER 493 RESEARCH IN SPECIAL TOPICS.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*1/4 TO 2 UNITS.
03772 CONF X ARR
03773 CONF Y ARR
03774 CONF Z ARR

GER 499 THESIS RESEARCH.
C TO 4 UNITS.
03775 CONF ARR

GERMANIC

GERMANIC LANGUAGES AND LITERATURES

DEPARTMENT OFFICE 371 L H

GMC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
03776 CONF ARR

GMC 367 INTRODUCTION TO GERMANIC LINGUISTICS.
SAME AS LING. 367.
PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESIRABLE.
2 HOURS OR 1/2 UNIT.
03777 LECT-DISC M 9 TU TH 336 L H ANTONSEN

GMC 462 SEMINAR IN GERMANIC LINGUISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.
03778 LECT-DISC T 3-530 TH G48 F L B ANTONSEN

GREEK, MODERN--SEE MODERN GREEK

GREEK

DEPARTMENT OFFICE 361 L H

MAJOR: TWENTY HOURS. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (LATIN BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

CREDIT FOR NEW TESTAMENT GREEK TRANSFERRED FROM OTHER INSTITUTIONS IS NOT COUNTED TOWARD A MAJOR OR MINOR UNTIL AFTER THE SATISFACTORY COMPLETION OF GREEK 201-202 AND THEN ONLY TO A POSSIBLE MAXIMUM OF EIGHT HOURS AS THE EQUIVALENT OF GREEK 101-102 AND THREE HOURS AS THE EQUIVALENT OF ONE SEMESTER OF GREEK 391.

GRK 102 ELEMENTARY GREEK.
PREREQUISITE: GRK. 101 OR EQUIVALENT.
4 HOURS.
03779 LECT-DISC D 11 MTUWTH 362 L H TAYLOR

GRK 111 ELEMENTARY KOINE GREEK.
SAME AS RELST. 111.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GREEK OR RELST. 111 WITHOUT GREEK OR RELST. 112.
*4 HOURS.
03780 LECT-DISC D 11 MTUWTH 1018 F L B ROBBINS

GRK 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
03781 CONF ARR STAFF

GRK 200 INTERMEDIATE KOINE GREEK.
SAME AS RELST. 200.
PREREQUISITE: GRK. OR RELST. 112, OR EQUIVALENT.
4 HOURS.
03782 LECT-DISC F 2 MTUWTH 362 L H SCHOEDEL

GRK 202 SECOND-YEAR GREEK. II.
PREREQUISITE: GRK. 201 OR EQUIVALENT.
4 HOURS.
03783 LECT-DISC D 11 MTUWTH 618 F L B RAINER

GRK 291 SENIOR THESIS.
OPEN TO CANDIDATES FOR DISTINCTION IN GREEK.
PREREQUISITE: SENIOR STANDING.
2 TO 4 HOURS.
03784 CONF ARR STAFF

GRK 293 SENIOR SURVEY.
PREREQUISITE: SENIOR STANDING.
2 OR 4 HOURS.
03785 CONF ARR STAFF

GRK 302 THIRD-YEAR GREEK. II.
PREREQUISITE: GREEK 301.
3 HOURS OR 1/2 UNIT.
03786 LECT-DISC B 9 M W F 1018 F L B NAOUMIDES

GRK 308 COMPARATIVE GRAMMAR OF GREEK AND LATIN.
SAME AS LAT. AND LING. 308.
PREREQUISITE: LAT. 202 OR EQUIVALENT, AND REGISTRATION OR CREDIT IN GRK. 202.
3 HOURS OR 1/2 UNIT.
03787 LECT-DISC E 1 M W F 1018 F L B TAYLOR

GRK 312 SIGHT TRANSLATION.
PREREQUISITE: GRK. 202 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.
03788 LECT-DISC F 9-11 TU TH 409 LIB NAOUMIDES

GRK 385 PHILOSOPHICAL AUTHORS.
PREREQUISITE: GRK. 302 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.
03789 LECT-DISC D 11 M W F 409 LIB MARCOVICH

UNLESS OTHERWISE NOTED, THE PREREQUISITE TO ALL COURSES IS THREE YEARS OF COLLEGE GREEK.

GRK 425 GREEK DRAMA--COMEDY.
1 UNIT.
03790 LECT-DISC B 9-11 M W 409 LIB MARCOVICH

GRK 491 DIRECTED READING.
PREREQUISITE: SECOND YEAR GRADUATE STANDING.
*NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.
*1/4 TO 1 UNIT.
03791 CONF ARR STAFF

GRK 496 BIBLIOGRAPHY AND CRITICISM, II.
SAME AS LAT. 496.
PREREQUISITE: FOUR YEARS OF COLLEGE LATIN OR EQUIVALENT.
1/2 UNIT.

03792	LECT-DISC	S	2	TU TH	409	LIB	OLIVER

GRK 499 THESIS RESEARCH.
0 TO 4 UNITS.

03793	CONF		ARR				STAFF

HEALTH EDUCATION

DEPARTMENT OFFICE 114 HUFF GYM

H ED 110 PUBLIC HEALTH.
PREREQUISITE: TWO HOURS CREDIT IN HEALTH SCIENCE OR HEALTH EDUCATION OR SOPHOMORE STANDING.
2 HOURS.

03794	LECT-DISC	P	11	TU TH	144	BEV HALL	O'ROURKE

H ED 150 HEALTH AND MODERN LIFE.
PREREQUISITE: CREDIT OR REGISTRATION IN ZOOL. 104, OR CONSENT OF INSTRUCTOR.
3 HOURS.

03795	LECT-DISC	A	8	M W F	207	H G	MASON
03796	LECT-DISC	D	11	M W F	152	ARMORY	O'ROURKE
03797	LECT-DISC	E	1	M W F	211	H G	WINDSOR

H ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

03798	CONF		ARR				STAFF

H ED 200 MENTAL HEALTH.
2 HOURS.

03799	LECT-DISC	P	11	TU TH	393	BEV HALL	
03800	LECT-DISC	R	1	TU TH	144	BEV HALL	FOWLER

H ED 206 SEX EDUCATION AND FAMILY LIFE.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
2 HOURS.
INSTRUCTORS TEACHING H. ED. 206 ARE CAVINS, CONLEY, KIERSCH, TEIGLER, YARDY, AND YOUNG.

03801	LECT-DISC	B	9	M W	393	BEV HALL	YOUNG
03802	LECT-DISC	B1	9	M W	207	H G	O'ROURKE
03803	LECT-DISC	C	10	M W	393	BEV HALL	KIERSCH
03804	LECT-DISC	E	1	M W	393	BEV HALL	YARDY
03805	LECT-DISC	F	2	M W	393	BEV HALL	TEIGLER
03806	LECT-DISC	M	9	TU TH	144	BEV HALL	CAVINS
03807	LECT-DISC	M1	9	TU TH	393	BEV HALL	TEIGLER
03808	LECT-DISC	N	10	TU TH	393	BEV HALL	O'ROURKE
03809	LECT-DISC	O	11	TU TH	152	ARMORY	BROWN
03810	LECT-DISC	R	1	TU TH	207	H G	CONLEY
03811	LECT-DISC	S	2	TU TH	393	BEV HALL	TEIGLER

H ED 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

03812	LAB-DISC	D1	ARR				STONE

H ED 260 HONORS SEMINAR.
SAME AS P. E. M., P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

03813	LECT-DISC	*&X1	7-9PM	W	350A FREER GYM
03814	LECT-DISC	*&X2	7-9PM	W	207B FREER GYM

H ED 281 FIRST AID.
2 HOURS.

03815	LECT-DISC	L	8	TU TH	211	H G	WINDSOR
03816	LECT-DISC	N	10	TU TH	211	H G	WINDSOR
03817	LECT-DISC	P	11	TU TH	211	H G	GOVERNALI
03818	LECT-DISC	R	1	TU TH	211	H G	SWANSON
03819	LECT-DISC	S	2	TU TH	211	H G	STAFF

H ED 282 ORGANIZATION OF SCHOOL HEALTH PROGRAMS.
3 HOURS.
ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN ROOM 400 HUFF GYM.

03820	LECT-DISC	A	8	M W F	211	H G	BROWN
03821	LECT-DISC	D	11	M W F	211	H G	OLSEN
03822	LECT-DISC	F	2	M W F	209	H G	CONLEY

H ED 283 MAN AND HIS DISEASES.
PREREQUISITE: HL. SC. 104, 110, PHYSL. 103.
2 HOURS.

03823	LECT-DISC	R	1	TU TH	136	ARMORY	STONE

H ED 285 SEX EDUCATION FOR TEACHERS.
PREREQUISITE: ADVANCED STANDING.
2 HOURS.

03824	LECT-DISC	T	3	TU TH	207	H G	CONLEY

H ED 288 PRINCIPLES OF HEALTH EDUCATION.
PREREQUISITE: H. ED. 282.
3 HOURS.
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN ROOM 400 HUFF GYM.

03825	LECT-DISC	B	*9	M W F	428	ARMORY	BROWN

H ED 289 PUBLIC HEALTH FIELD WORK.
PREREQUISITE: JUNIOR STANDING IN COMMUNITY HEALTH EDUCATION.
2 HOURS.

03826	LAB-DISC		ARR				OLSEN

H ED 374 PROBLEMS IN HUMAN ECOLOGY.
SAME AS ANTH., GEOG., SOC., PHYSL., PSYCH., V.M.S. 374.
PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S., OR ZOOL. 369.
4 HOURS OR 1 UNIT.
*ONE DISC HOUR TO BE ARRANGED.

03827	LECT-DISC		*11	M W F	393	BEV HALL	LEVINE
	DISC		*ARR				

H ED 391 PUBLIC HEALTH STATISTICS.
PREREQUISITE: MATH. 161, OR EDPSY. 390, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

03828	LECT-DISC	N	10-12	S	207	H G	BRIDGER AND O'ROURKE

H ED 392 HEALTH AND SAFETY EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: ONE YEAR OF BIOLOGICAL SCIENCE.
3 HOURS OR 1/2 UNIT.

03829	LECT-DISC	H	4-6	W	146	ARMORY	STONE & O'REILLY

H ED 401 PROBLEMS IN SCHOOL HEALTH EDUCATION.
1 UNIT.

03830	LECT-DISC	U	4-6	TU	207	H G	CRESWELL

H ED 403 PROBLEMS IN PUBLIC HEALTH.
1/2 OR 1 UNIT.
03831 LECT-DISC H 4-6 M 207 H G STONE & OLSEN

H ED 490 SEMINAR.
PREREQUISITE: H. ED. 495.
0 CREDIT.
03832 LECT-DISC ARR HUFFMAN

H ED 493 SPECIAL PROJECTS.
PREREQUISITE: EDPSY. 390, P. E. 495, AND H. ED. 400 OR
EQUIVALENTS. DOCTORAL CANDIDATE.
*MAY BE REPEATED TO A MAXIMUM OF 2 UNITS.
*1/2 TO 2 UNITS.
03833 LECT-DISC ARR STAFF

H ED 494 SPECIAL TOPICS IN HEALTH EDUCATION.
PREREQUISITE: TO BE DETERMINED FOR EACH TOPIC.
1/2 OR 1 UNIT.
03834 LECT-DISC U 4-6 TH 207 H G

H ED 499 THESIS RESEARCH.
PREREQUISITE: H. ED. 495.
1/2 TO 2 UNITS.
03835 CONF ARR STAFF

HEBREW, MODERN--SEE MODERN HEBREW

HEBREW

DEPARTMENT OFFICE 361 L H

HEBR 111 INTRODUCTION TO BIBLICAL HEBREW.
SAME AS RELST. 109.
PREREQUISITE: HEBR. 110 OR RELST. 108.
4 HOURS.
03836 LECT-DISC C 10 MTUWTH 1018 F L B MARBLESTONE

HEBR 211 BIBLICAL POETRY.
SAME AS RELST. 211.
PREREQUISITE: HEBR. OR RELST. 210.
4 HOURS.
03837 LECT-DISC F 1 MTUWTH 1 G H MARBLESTONE

DEPARTMENT OFFICE 341 ARMORY

HI ED 442 JUNIOR COLLEGE.
SAME AS VOTEC. 442.
1 UNIT.

03838	LECT-DISC	4-6	W	331	ARMORY	O'BANION

HI ED 443 THE COLLEGE STUDENT.
1 UNIT.

03839	LECT-DISC	4-6	TU	331	ARMORY	LEVY

HI ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DIVISION CHAIRMAN PRIOR TO ENROLLMENT.
1/2 TO 1 UNIT.

03840	CONF	ARR				STAFF

HI ED 467 THE AMERICAN COLLEGE AND UNIVERSITY.
1 UNIT.

03841	LECT-DISC	4-6	M	120	COM W	RIEGEL

HI ED 479 ORGANIZATION AND CONTROL OF HIGHER EDUCATION.
PREREQUISITE: HI. ED. 442, 467, OR EQUIVALENT.
1 UNIT.

03842	LECT-DISC	5-9	TH	331	ARMORY	ANDERSON AND RIEGEL

HI ED 480 INTERNSHIP IN THE ADMINISTRATION OF HIGHER EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

03843	CONF	ARR				STAFF

HI ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN HIGHER EDUCATION.
PREREQUISITE: HI. ED. 442 OR 467 OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION A: PROBLEMS IN THE PHILOSOPHY OF EDUCATION.
*SECTION B: AMERICAN JUNIOR COLLEGE PROGRAM.

03844	LECT-DISC *A	7-9PM	M	333	ARMORY	BROUDY
03845	LECT-DISC *B	1-3	TU	333	ARMORY	O'BANION

HI ED 499 THESIS RESEARCH.
PREREQUISITE: ADMISSION AS A DOCTORAL CANDIDATE IN HIGHER EDUCATION.
0 TO 4 UNITS.

03846	CONF	ARR				

HINDI

DEPARTMENT OFFICE 309H D H

HINDI 202 ELEMENTARY HINDI. II.
PREREQUISITE: HINDI 201.
5 HOURS.
STUDENTS REGISTER FOR THE LECTURE AND ONE DISCUSSION.
OPEN TO FRESHMEN.

03847	LECT		11	M WTHF	143B M E B		SUBBARAO
03848	DISC	A	9	TU	G52 F L B		BHATIA
03849	DISC	B	9	TH	G52 F L B		BHATIA

HINDI 304 INTERMEDIATE HINDI. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: HINDI 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

03850	LECT	2	M W F	G52 F L B		SUBBARAO/
		1	TU TH	1110 F L B		BHATIA

HINDI 306 ADVANCED HINDI. II.
PREREQUISITE: HINDI 305 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

03851	LECT-DISC	2	M W F	1110 F L B		SUBBARAO/
		1	TU TH	374 L H		BHATIA

HINDI 308 ADVANCED HINDI. IV.
PREREQUISITE: HINDI 307 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

03852	LECT-DISC	2	M W F	1110 F L B		STAFF
		1	TU TH	374 L H		

HINDI 310 READINGS IN HINDI LITERATURE IN ENGLISH TRANSLATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

03853	LECT-DISC	ARR				STAFF

HISTORY

DEPARTMENT OFFICE 309 G H

MAJOR: TWENTY-FOUR HOURS IN HISTORY, ALL IN COURSES HAVING JUNIOR STANDING AS A PREREQUISITE: ONE FRESHMAN-SOPHOMORE SURVEY COURSE SEQUENCE (HISTORY 111-112, 131-132, 151-152, 171-172, 173-174, 181-182:) MUST BE TAKEN AS A PREREQUISITE TO THE MAJOR. THE COURSES OFFERED MUST INCLUDE AT LEAST TWELVE HOURS IN AN AREA OF SPECIALIZATION AND AT LEAST SIX HOURS IN A SECOND AREA. THE FOLLOWING AREAS MAY BE SELECTED: ANCIENT, MEDIEVAL AND RENAISSANCE; EUROPE SINCE 1500; UNITED STATES AND LATIN AMERICA; ASIA, NEAR AND MIDDLE EAST, AND AFRICA. ALL MAJORS ARE REQUIRED TO TAKE HISTORY 298; TO BE ELIGIBLE FOR THIS COURSE, EACH MAJOR MUST HAVE SENIOR STANDING.

MINORS: TWENTY HOURS, NOT INCLUDING MORE THAN FOUR HOURS OPEN TO FRESHMEN, IN ONE OR TWO OF THE FOLLOWING: ANCIENT OR MODERN LANGUAGE EXCLUDING ELEMENTARY COURSES 101 AND 102, ANTHROPOLOGY, ECONOMICS, ENGLISH AND AMERICAN LITERATURE, GEOGRAPHY, LIBRARY SCIENCE, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY. ONE OF THE CURRICULA IN LATIN AMERICAN STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, ASIAN STUDIES OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR, EXCLUDING THE COURSES IN HISTORY.

HIST 112 HISTORY OF WESTERN CIVILIZATION. 1815 TO THE PRESENT.
4 HOURS.
*DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

03854	LECT		10	TU TH	AUDITORIUM		MCKAY
03855	DISC	A1	8	W F	209	D K H	
03856	DISC	A2	8	TU TH	209	D K H	
03857	DISC	B1	8	TU TH	146	ARMORY	
03858	DISC	B2	9	TU TH	209	D K H	
03859	DISC	C1	9	TU TH	133	ARMORY	
03860	DISC	C2	9	TU TH	146	ARMORY	
03884	DISC	*&S	10	W F	331	G H	
03861	DISC	D	10	W F	148	ARMORY	
03862	DISC	E	11	TU TH	146	ARMORY	
03863	DISC	F	11	TU TH	133	ARMORY	
03864	DISC	G	11	M W	148	ARMORY	
03865	DISC	H	11	M W	133	ARMORY	
03866	DISC	J	11	W F	146	ARMORY	
03867	DISC	K	12	TU TH	307	G H	
03868	DISC	L	12	TU TH	146	ARMORY	
03869	DISC	L1	12	TU TH	133	ARMORY	
03870	DISC	L2	12	M W	307	G H	
03871	DISC	L3	1	TU TH	133	ARMORY	
03872	DISC	M	1	TU TH	146	ARMORY	
03873	DISC	N	1	TU TH	307	G H	
03874	DISC	O	1	M W	133	ARMORY	
03875	DISC	P	1	M W	148	ARMORY	
03876	DISC	R	2	M W	209	D K H	
03877	DISC	T	2	M W	133	ARMORY	
03878	DISC	X1	2	TU TH	209	D K H	
03879	DISC	X2	2	TU TH	133	ARMORY	
03880	DISC	X3	3	TU TH	146	ARMORY	
03881	DISC	X4	3	TU TH	209	D K H	
03882	DISC	X5	3	M W	209	D K H	
03883	DISC	X6	3	M W	331	G H	

HIST 132 HISTORY OF ENGLAND. 1688 TO THE PRESENT.
4 HOURS.
*DISC. &S--RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

03885	LECT		11	M W	L H THEATRE		ARNSTEIN
03886	DISC	A	8	TU TH	313	G H	
03887	DISC	B	8	TU TH	430	ARMORY	
03888	DISC	C	9	TU TH	313	G H	
03889	DISC	D	9	TU TH	148	ARMORY	
03890	DISC	E	10	TU TH	313	G H	
03891	DISC	F	10	TU TH	148	ARMORY	
03892	DISC	G	11	TU TH	148	ARMORY	
03904	DISC	*&S	11	TU TH	313	G H	ARNSTEIN
03893	DISC	H	12	M W	313	G H	
03894	DISC	J	12	TU TH	313	G H	
03895	DISC	K	1	M W	313	G H	
03896	DISC	L	1	TU TH	313	G H	
03897	DISC	M	1	TU TH	430	ARMORY	
03898	DISC	N	2	M W	148	ARMORY	
03899	DISC	O	2	TU TH	313	G H	
03900	DISC	P	2	TU TH	148	ARMORY	
03901	DISC	R	2	TU TH	307	G H	
03902	DISC	T	3	TU TH	313	G H	
03903	DISC	U	3	M W	313	G H	

HIST 151 HISTORY OF THE UNITED STATES TO 1877.
*STUDENTS ARE NOT GIVEN CREDIT FOR HIST. 151 IN ADDITION TO 260 OR 261.
*4 HOURS.

03905	LECT		10	TU TH	112	G H	TOY
03906	DISC	A	8	TU TH	133	ARMORY	
03907	DISC	B	8	W F	133	ARMORY	
03908	DISC	C	9	M W	148	ARMORY	
03909	DISC	D	9	W F	133	ARMORY	
03910	DISC	E	9	W F	146	ARMORY	
03911	DISC	F	10	M W	146	ARMORY	
03912	DISC	G	10	M W	111	G H	
03913	DISC	H	10	W F	133	ARMORY	
03914	DISC	J	10	W F	209	D K H	
03915	DISC	K	11	TU TH	209	D K H	
03916	DISC	L	11	TU TH	331	G H	
03917	DISC	M	11	W F	209	D K H	

HIST 151 CONTINUED

03929	DISC	&S	11	M W	111	G H	
03918	DISC	N	12	TU TH	331	G H	
03919	DISC	O	12	TU TH	111	G H	
03920	DISC	P	12	M W	331	G H	
03921	DISC	R	12	W F	111	G H	
03922	DISC	T	1	TU TH	331	G H	
03923	DISC	U	1	TU TH	209	D K H	
03924	DISC	W	1	M W	209	D K H	
03925	DISC	X1	1	W F	331	G H	
03926	DISC	X2	2	TU TH	111	G H	
03927	DISC	X3	2	M W	111	G H	
03928	DISC	X4	3	TU TH	111	G H	

HIST 152 HISTORY OF THE UNITED STATES. 1877 TO THE PRESENT.
*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
*4 HOURS.
DISCUSSION &S IS RESERVED FOR JAMES SCHOLARS AND OTHER STUDENTS OF VERY HIGH STANDING.

03930	LECT	I	9	M W	L H THEATRE		KRUEGER
03931	DISC	A	8	TU TH	331	G H	
03932	DISC	B	8	TU TH	307	G H	
03933	DISC	C	8	TU TH	106	L H	
03934	DISC	D	9	TU TH	331	G H	
03964	DISC	&S	9	TU TH	307	G H	
03935	DISC	F	9	TU TH	428	ARMORY	
03936	DISC	F	9	TU TH	106	L H	
03937	DISC	G	10	TU TH	331	G H	
03938	DISC	H	10	TU TH	428	ARMORY	
03939	DISC	J	10	M W	313	G H	
03940	DISC	K	10	M W	428	ARMORY	
03941	DISC	L	11	TU TH	428	ARMORY	
03942	DISC	L1	11	M W	428	ARMORY	
03943	DISC	L2	12	TU TH	428	ARMORY	
03944	DISC	L3	12	TU TH	209	D K H	
03945	DISC	L4	1	TU TH	428	ARMORY	
03946	DISC	L5	1	M W	146	ARMORY	
03947	DISC	L6	2	TU TH	428	ARMORY	
03948	DISC	L7	2	TU TH	331	G H	
03949	DISC	L8	3	TU TH	428	ARMORY	
03950	DISC	L9	3	M W	111	G H	
03951	LECT	II	2	M W	112	G H	WALLER
03952	DISC	M	8	W F	331	G H	
03953	DISC	N	8	TU TH	428	ARMORY	
03954	DISC	O	9	M W	331	G H	
03955	DISC	P	9	W F	209	D K H	
03956	DISC	R	10	TU TH	209	D K H	
03957	DISC	T	10	TU TH	146	ARMORY	
03958	DISC	U	11	TU TH	3	G H	
03959	DISC	W	12	TU TH	430	ARMORY	
03960	DISC	X1	12	M W	209	D K H	
03961	DISC	X2	1	W F	428	ARMORY	
03962	DISC	X3	2	TU TH	146	ARMORY	
03963	DISC	X4	3	TU TH	106	L H	

HIST 172 HISTORY OF EAST ASIA. II.
PREREQUISITE: HIST. 171.
4 HOURS.

03965	LECT		11	M W F	66	LIB	CRAWFORD
03966	DISC	A	1	M	331	G H	
03967	DISC	B	2	M	146	ARMORY	
03968	DISC	C	2	W	146	ARMORY	
03969	DISC	D	3	TU	307	G H	
03970	DISC	E	3	W	307	G H	
03971	DISC	F	3	TH	307	G H	

HIST 174 MODERN ISLAMIC CIVILIZATION IN THE NEAR AND MIDDLE EAST SINCE 1700.
4 HOURS.

03972	LECT		10	M W F	307	G H	DAWN
	DISC		3	M	307	G H	DAWN

HIST 182 THE ANCIENT WORLD. ROME.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR.
3 HOURS.

03973	LECT		2	M W	319	G H	MITCHELL
03974	DISC	A	1	TH	106	L H	
03975	DISC	B	3	TH	331	G H	
03976	DISC	C	1	F	313	G H	
03977	DISC	D	2	F	111	G H	

HIST 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

03978	DISC	A	3-5	M	427	G H	KLING
03979	DISC	B	1-3	F	446K	G H	KIM

HIST 212 THE CONTEMPORARY WORLD: ECONOMIC, SOCIAL, AND CULTURAL ASPECTS.
3 HOURS.

03980	LECT		10	M W F	114	D K H	SUMLER

HIST 215 HISTORY OF NORTH AND WEST AFRICA.
3 HOURS.

03981	LECT		9	M W F	313	G H	STEWART

HIST 262 THE UNITED STATES IN THE TWENTIETH CENTURY.
*CREDIT IS NOT GIVEN FOR BOTH HIST. 152 AND 262.
*3 HOURS.
*LECT. A IS AN ACCELERATED SECTION FOR TEACHER TRAINEES. IT IS OPEN ONLY TO STUDENTS TAKING ED. PR. 241 AND 242, AND WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

03982	LECT	*A	1	MTUWTHF	111	G H	

HIST 274 U. S. AND WORLD CRISIS, 1917 TO PRESENT.
3 HOURS.

03983	LECT		11	M W F	141	COM W	BUSSELLE

HIST 276 HISTORY OF LATIN AMERICA SINCE 1824.
3 HOURS.

03984	LECT		2	M W F	106	L H	DRAKE

HIST 290 TEACHING OF HISTORY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, SENIOR STANDING.
2 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

03985	LECT		*8	M W F	313	G H	DAHL

HIST 293 THESIS.
PREREQUISITE: HISTORY MAJOR WITH SENIOR STANDING AND A 4.0 GRADE-POINT AVERAGE, AND WRITTEN CONSENT OF THE HONORS ADVISOR.
*STUDENTS MAY ACCUMULATE 6 HOURS.
*3 HOURS.

03986	CONF		ARR				STAFF

HIST 295 READING COURSE.
PREREQUISITE: JUNIOR OR SENIOR OF HIGH STANDING AND WRITTEN CONSENT OF THE HONORS ADVISOR.
2 TO 4 HOURS.

03987	CONF		ARR				STAFF

HIST 298 COLLOQUIUM IN HISTORY.
PREREQUISITE: ENROLLMENT AS A HISTORY MAJOR OR HISTORY TEACHER TRAINEE, WITH SENIOR STANDING.
3 HOURS.

03988	DISC	A	1-3	M	370	L H	BELTING
03989	DISC	B	1-3	W	370	L H	JENNINGS
03990	DISC	C	3-5	TU	304	G H	JOHANNSEN
03991	DISC	D	1-3	M	390	L H	QUELLER
03992	DISC	E	3-5	TU	446K	G H	SEAGER
03993	DISC	F	1-3	TH	304	G H	SIRICH
03994	DISC	H	1-3	W	390	L H	BUSSELLE
03995	DISC	J	7-9PM	TU	304	G H	MESSMER
03996	DISC	K	1-3	W	304	G H	FOSTER

HIST 302 THE MIDDLE AGES, 1100 TO 1500 A. D.
3 HOURS, OR 1/2 OR 1 UNIT.

03997	LECT		10-1130	TU TH	106	L H	TREXLER

HIST 303 THE NEAR AND MIDDLE EAST IN THE TWENTIETH CENTURY.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

03998	LECT		8	M W F	111	G H	DAWN

HIST 305 THE AGE OF THE RENAISSANCE.
3 HOURS. OR 1/2 OR 1 UNIT.

03999	LECT	8-930	TU TH	111	G H	TREXLER

HIST 310 THE DEVELOPMENT OF MODERN EUROPE: THE FRENCH REVOLUTION AND NAPOLEON. 1789 TO 1815.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04000	LECT	2	M W F	331	G H	SIRICH

HIST 312 EUROPEAN HISTORY FROM 1871 TO 1918.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04001	LECT	11	M W F	319	G H	NICHOLS

HIST 314 EUROPEAN HISTORY FROM 1939 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04002	LECT	1	M W F	141	COM W	SUMLER

HIST 316 ECONOMIC AND SOCIAL HISTORY OF EUROPE SINCE 1815.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR ECONOMICS. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04003	LECT	1-230	TU TH	319	G H	MCKAY

HIST 317 EUROPEAN COMMERCE 15TH-17TH CENTURIES.
PREREQUISITE: JUNIOR STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.

08625	LECT	1	M W F	319	G H	MACZAK

HIST 319 MODERN EUROPEAN DIPLOMATIC HISTORY. 1890 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04004	LECT	9	M W F	106	L H	SCHROEDER

HIST 321 RUSSIA FROM PETER THE GREAT TO 1855.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04005	LECT	4	M W F	331	G H	RANSEL

HIST 324 INTELLECTUAL HISTORY OF MODERN EUROPE. 1770 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04006	LECT	2	M W F	428	ARMORY	MESSMER

HIST 328 HISTORY OF SOVIET RUSSIA FROM 1917 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR POLITICAL SCIENCE. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04007	LECT	2	M W F	213	G H	RANSEL

HIST 330 HISTORY OF SOUTHEASTERN EUROPE SINCE 1804.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04008	LECT	2	M W F	307	G H	HITCHINS

HIST 334 GREAT BRITAIN UNDER THE LATER STUARTS AND THE HANOVERIANS. 1660-1815.
3 HOURS. OR 1/2 OR 1 UNIT.

04009	LECT	11	M W F	331	G H	FOSTER

HIST 337 ECONOMIC HISTORY OF AMERICAN AGRICULTURE.
SAME AS AG. EC. AND ECON. 337.
PREREQUISITE: A COLLEGE LEVEL COURSE IN BASIC ECONOMICS OR AMERICAN HISTORY.
*GRADUATE STUDENTS TAKING THIS COURSE FOR ONE UNIT CREDIT ARE REQUIRED TO DO EXTRA WORK.
*3 HOURS. OR 3/4 OR 1 UNIT.

04010	LECT-DISC L	830-10	TU TH	313	M H	GUITHER

HIST 343 THE TURKS AND THE OTTOMAN EMPIRE, 1200-1566.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

04011	LECT	9	M W F	307	G H	JENNINGS

HIST 346 CONSTITUTIONAL HISTORY OF ENGLAND, SINCE 1485.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04012	LECT	10	M W F	319	G H	HILL

HIST 349 THE SCIENTIFIC REVOLUTION--1543-1727.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04013	LECT	2	M W F	313	G H	APPLEBAUM

HIST 351 HISTORY OF AMERICAN IMMIGRATION SINCE 1880.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

04014	LECT	10	TU	304	G H	BELTING
		10-12	TH	304	G H	

HIST 354 THE ERA OF THE AMERICAN REVOLUTION, 1763 TO 1789.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

04015	LECT	9	M W F	223	G H	KIM

HIST 355 FEDERALISTS, JEFFERSONIANS, AND THE ERA OF GOOD FEELINGS.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04016	LECT	2	M W F	223	G H	MCCOLLEY

HIST 358 ECONOMIC HISTORY OF THE UNITED STATES, SINCE 1860.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

04017	LECT	9	M W F	111	G H	SPENCE

HIST 359 THE CIVIL WAR AND RECONSTRUCTION.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

04018	LECT	2	M W F	314	A H	JOHANNSEN

HIST 361 HISTORY OF THE UNITED STATES, 1909-1932.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY; POLITICAL SCIENCE OR ECONOMICS.
3 HOURS, OR 1/2 OR 1 UNIT.

04019	LECT	9	M W F	319	G H	BATES

HIST 366 HISTORY OF ILLINOIS FROM 1870 TO THE PRESENT.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

04020	LECT	*11	M W F	307	G H	SUTTON

HIST 372 AMERICAN THOUGHT AND CULTURE, II.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04021	LECT	11	M W F	106	L H	TOY

HIST 384 THE ROMAN EMPIRE.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY.
3 HOURS, OR 1/2 OR 1 UNIT.

04022	LECT	10	M W F	106	L H	SEAGER

HIST 385 TOPICS IN THE HISTORY OF ISLAM IN AFRICA.
3 HOURS, OR 1/2 OR 1 UNIT.

04023	LECT	10-1130	TU TH	111	G H	STEWART

HIST 386 DEVELOPMENT OF MODERN INDIA AND PAKISTAN FROM 1707.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04024	LECT	1	M W F	307	G H	KLING

HIST 392 A HISTORY OF CHINA, 907-1644.
PREREQUISITE: ONE YEAR OF COLLEGE HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04025	LECT		10-1130	TU TH	307	G	H	WECHSLER

HIST 395 PREMODERN JAPAN.
3 HOURS. OR 1/2 OR 1 UNIT.

04026	LECT		11	M W F	313	G	H	PIERSON

HIST 402 PROBLEMS IN EUROPEAN HISTORY TO 1815.
1 UNIT.
*SECTION A TOPIC: LATER MIDDLE AGES.
*SECTION B TOPIC: COMPARATIVE STUDIES OF EUROPEAN SOCIETIES. 16TH-17TH CENTURIES.

04027	DISC	*A	3-5	TH	162	L	H	QUELLER
04028	DISC	*B	1-3	W	302	L	H	MACZAK

HIST 407 PROBLEMS IN AMERICAN HISTORY TO 1865.
1 UNIT.
TOPIC: PURITANISM TO THE ENLIGHTENMENT.

04029	DISC		1-3	TU	304	G	H	SOLBERG

HIST 408 PROBLEMS IN AMERICAN HISTORY SINCE 1865.
1 UNIT.
*SECTION A TOPIC: TRANS-MISSISSIPPI WEST.
*SECTION B TOPIC: INTRODUCTION TO QUANTITATIVE HISTORIOGRAPHY.

04030	DISC	*A	3-5	TH	446K	G	H	SPENCE
04031	DISC	*B	3-5	M	446K	G	H	JENSEN

HIST 409 PROBLEMS IN ASIAN HISTORY.
1 UNIT.

04032	DISC	A	1-3	M	162	L	H	PIERSON
04033	DISC	B	1-3	W	162	L	H	WECHSLER
04034	DISC	C	ARR					KLING

HIST 413 SEMINAR IN ANCIENT HISTORY--ROME.
1 UNIT.

04035	DISC		3-5	TH	304	G	H	MITCHELL

HIST 415 SEMINAR IN MEDIEVAL HISTORY.
1 UNIT.

04036	DISC		7-9PM	W	304	G	H	HILL

HIST 421 SEMINAR IN EUROPEAN HISTORY SINCE 1815.
1 UNIT.
*SECTION A TOPIC: GERMAN HISTORY - READING KNOWLEDGE OF GERMAN REQUIRED.
*SECTION B TOPIC: EUROPEAN DIPLOMATIC - READING KNOWLEDGE OF ONE FOREIGN LANGUAGE REQUIRED.
SECTION C TOPIC: THE BALKANS.

04037	DISC	*A	1-3	F	304	G	H	NICHOLS
04038	DISC	*B	1-3	M	446K	G	H	SCHROEDER
04039	DISC	*C	1-3	TU	162	L	H	HITCHINS

HIST 425 SEMINAR IN ENGLISH AND BRITISH EMPIRE HISTORY SINCE 1688.
1 UNIT.

04040	DISC		1-3	M	304	G	H	ARNSTEIN

HIST 427 SEMINAR IN RUSSIAN HISTORY.
1 UNIT.

04041	DISC		1-3	TH	162	L	H	KLEIMOLA

HIST 445 SEMINAR IN EAST ASIAN HISTORY.
1 UNIT.

04042	DISC		ARR			1208W	CAL	WECHSLER

HIST 451 SEMINAR IN EARLY AMERICAN HISTORY TO 1789.
1 UNIT.
TOPIC: THE CRITICAL PERIOD.

04043	DISC		1-3	TH	446K	G	H	MCCOLLEY

HIST 453 SEMINAR IN AMERICAN HISTORY SINCE 1789.
1 UNIT.
*SECTION A: CONGRESS AND AMERICAN SOCIETY IN THE 1920'S.
*SECTION B: THE MIDDLE PERIOD.
*SECTION C: TOPICS IN RECENT U. S. HISTORY.

04044	DISC	*A	1-3	TU	446K	G H		BATES
04045	DISC	*B	10-12	M	304	G H		JOHANNSEN
04046	DISC	*C	1-3	W	446K	G H		KRUEGER

HIST 461 SEMINAR IN LATIN-AMERICAN HISTORY.
1 UNIT.

04047	DISC		3-5	TU	204	1208W CAL		LOVE

HIST 471 SEMINAR IN THE HISTORY OF SCIENCE.
1 UNIT.
TOPIC: HISTORY OF BIOLOGY AND BEHAVIOR.

04048	DISC		3-5	M	304	G H		APPLEBAUM HIRSCH

HIST 497 READING COURSE.
PREREQUISITE: MASTERS DEGREE OR EQUIVALENT. CONSENT OF INSTRUCTOR.
1 UNIT.

04049	CONF		ARR					STAFF

HIST 498 PROBLEMS IN THE TEACHING OF COLLEGE HISTORY.
PREREQUISITE: PH. D. CANDIDATE IN HISTORY.
NO CREDIT.

04050	LECT		3-5	TU	331	G H		NICHOLS

HIST 499 THESIS RESEARCH.
0 TO 4 UNITS.

04051	CONF		ARR					STAFF

HISTORY AND PHILOSOPHY OF EDUCATION

DEPARTMENT OFFICE 369 EDUC

HP ED 201 FOUNDATIONS OF AMERICAN EDUCATION.
PREREQUISITE: (FOR STUDENTS NOT IN ELEMENTARY EDUCATION) SE. ED. 101 OR VOTEC. 101 AND PSYCH. 100. (FOR STUDENTS IN ELEMENTARY EDUCATION) PSYCH. 100 ONLY.
2 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE DISCUSSION COMBINATION. LECTURES 1 AND 2 CENTER ON A HISTORICAL TREATMENT OF AMERICAN EDUCATION: LECTURES 3 AND 4 ON A PHILOSOPHICAL EXAMINATION: AND LECTURES 5 AND 6 ON A COMPARATIVE APPROACH.

04052	DISC	*1A	11	W	192	EDUC		STAFF
	LECT	*1	11	M	146	ARMORY		VIOLAS
04053	DISC	*1B	11	W	125	D K H		STAFF
	LECT	*1	11	M	146	ARMORY		VIOLAS
04054	DISC	*2A	10	W	125	D K H		STAFF
	LECT	*2	10	M	125	D K H		VIOLAS
04055	DISC	*2B	10	W	325	D K H		STAFF
	LECT	*2	10	M	125	D K H		VIOLAS
04056	DISC	*3A	10	TH	166	EDUC		STAFF
	LECT	*3	10	TU	328	ARMORY		FEINBERG
04057	DISC	*3B	10	TH	111	D K H		STAFF
	LECT	*3	10	TU	328	ARMORY		FEINBERG
04058	DISC	*4A	1	TH	153	ARMORY		STAFF
	LECT	*4	1	TU	240	COM W		FEINBERG
04059	DISC	*4B	1	TH	222	D K H		STAFF
	LECT	*4	1	TU	240	COM W		FEINBERG
04060	DISC	*5A	9	F	143	ARMORY		STAFF
	LECT	*5	9	W	125	D K H		PESHKIN
04061	DISC	*5B	9	F	192	EDUC		STAFF
	LECT	*5	9	W	125	D K H		PESHKIN
04062	DISC	*6A	2	F	162	EDUC		STAFF
	LECT	*6	2	W	125	D K H		PESHKIN
04063	DISC	*6B	2	F	166	EDUC		STAFF
	LECT	*6	2	W	125	D K H		PESHKIN

HP ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

04064	CONF		ARR				STAFF

HP ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

04065	CONF		ARR				STAFF

HP ED 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

04066	CONF		ARR				STAFF

HP ED 301 PHILOSOPHY OF EDUCATION.
2 HOURS OR 1/2 UNIT.

04067	LECT-DISC	A	7-9PM	TH	166	EDUC	NYBERG

HP ED 302 HISTORY OF AMERICAN EDUCATION.
2 HOURS OR 1/2 UNIT.

04068	LECT-DISC	A	4-6	M	192	EDUC	KARIER
04069	LECT-DISC	B	10-12	M	176	L H	KARIER

HP ED 303 COMPARATIVE EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 TO 1 UNIT.

04070	LECT-DISC	B	4-6	M	137	ARMORY	PELCZAR

HP ED 304 SOCIAL FOUNDATIONS OF EDUCATION.
2 HOURS OR 1/2 UNIT.

04071	LECT-DISC	A	7-9PM	M	2	EDUC	BURNETT
04072	LECT-DISC	B	7-9PM	TU	166	EDUC	BURNETT
04073	LECT-DISC	C	7-9PM	W	137	ARMORY	PELCZAR
04074	LECT-DISC	D	4-6	M	36	COM W	SHORISH
04075	LECT-DISC	E	4-6	TU	40	COM W	PELCZAR

HP ED 305 HISTORY OF EDUCATIONAL IDEAS.
2 HOURS OR 1/2 UNIT.

04076	LECT-DISC	A	7-9PM	TH	36	COM W	YATES
04077	LECT-DISC	B	4-6	W	36	COM W	MCMURRAY

HP ED 307 AESTHETICS, MASS MEDIA, AND EDUCATION.
2 OR 3 HOURS, OR 1/2 OR 1 UNIT.

04078	LECT-DISC	A	3-5	W	19	D K H	R. SMITH

HP ED 385 ANTHROPOLGY OF EDUCATION.
SAME AS ANTH. 385.
PREREQUISITE: COURSE IN ANTHROPOLGY OR SOCIOLOGY OR CONSENT OF INSTRUCTOR.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

04079	LECT-DISC	A	1-230	M W	382	EDUC	JACKIE BURNETT

HP ED 402 EDUCATIONAL MOVEMENTS IN THE TWENTIETH CENTURY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04080	DISC		4-6	TU	120	COM W	KARIER

HP ED 403 THE HISTORICAL FOUNDATIONS OF AMERICAN EDUCATIONAL THOUGHT.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04081	DISC		1-3	TU	166	EDUC	VIOLAS

HP ED 404 SEMINAR IN EDUCATIONAL CLASSICS.
PREREQUISITE: ONE GRADUATE COURSE IN PHILOSOPHY OF EDUCATION AND ONE IN HISTORY OF EDUCATION, OR CONSENT OF INSTRUCTOR.
1 UNIT.

04082	DISC		7-9PM	TH	389	EDUC	MCMURRAY

HP ED 405 FOUNDATIONS OF AESTHETIC EDUCATION.
PREREQUISITE: HP. ED. 306: CONSENT OF INSTRUCTOR.
1 UNIT.

04083	DISC		4-6	TU	25	EDUC	BROUDY

HP ED 407 LOGICAL FOUNDATIONS OF METHODS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04084	DISC		10-1130	M W	25	EDUC	ENNIS

HP ED 410 SEMINAR IN THEORIES OF EDUCATIONAL AND SOCIAL CHANGE.
ONLY OPEN TO CANDIDATES FOR THE ED. D. OR PH. D. IN EDUCATION.
1 UNIT.

04085	DISC	A	1-3	TU	389	EDUC	PETRIE
04086	DISC	B	3-5	TU	389	EDUC	PETRIE

HP ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1/2 OR 1 UNIT.

04087	CONF		ARR				STAFF

HP ED 484 EDUCATION IN THE INDUSTRIALIZED NATIONS.
PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04088	DISC		ARR				YATES

HP ED 485 EDUCATION IN THE DEVELOPING COUNTRIES.
PREREQUISITE: HP. ED. 303 OR 386 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04089	DISC		3-5	TU	385	EDUC	SHORISH

HP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN HISTORY AND PHILOSOPHY OF EDUCATION.
PREREQUISITE: FOR SECTION (C) ONLY, HP. ED. 483 OR CONSENT OF INSTRUCTOR.
*NOT MORE THAN ONE UNIT PER SECTION MAY BE COUNTED TOWARD A DEGREE IN ANY ONE SEMESTER.
*1 TO 2 UNITS.

04090	DISC	B1	2-4	TU	25	EDUC	ENNIS
04091	DISC	B2	2-4	TU	382	EDUC	FEINBERG
04092	DISC	B3	3-5	TH	11	COM W	SMITH

HP ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

04093	CONF		ARR				STAFF

HP ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

04094	CONF		ARR				STAFF

DEPARTMENT OFFICE 260 BEV HALL

NOTE--HOME ECONOMICS COURSES DESIGNED PARTICULARLY FOR NON-MAJOR STUDENTS AND NOT FULFILLING THE REQUIREMENTS FOR A MAJOR IN HOME ECONOMICS ARE HOME ECON. 120, 125, 193, AND 271.

OTHER HOME ECONOMICS COURSES ARE ALSO OPEN TO NON-MAJORS WHO HAVE THE PREREQUISITES LISTED FOR THE COURSE AND THE CONSENT OF THE INSTRUCTOR. STUDENTS ARE REFERRED PARTICULARLY TO H.EC. 105, 132, 133, 160, 171, 182, 183, 184, 210, 260, AND 270.

H EC 105 CHILD AND FAMILY.
4 HOURS.

04095	LECT		11	M W F	120	ARCH		JOHNSON, MILLS
04096	LAB-DISC	A	9-11	TU	12	C D		
04097	LAB-DISC	B	9-11	W	12	C D		
04098	LAB-DISC	C	9-11	TH	12	C D		
04099	LAB-DISC	D	9-11	F	12	C D		
04100	LAB-DISC	F	2-4	TU	12	C D		
04101	LAB-DISC	F	2	W	208	C D		
		F	3	W	12	C D		

H EC 120 ELEMENTARY NUTRITION.
FOR NON-HOME ECONOMICS MAJORS.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

04102	LECT-DISC		1	TU TH	242	BEV HALL	LAFONT

H EC 125 FOOD SELECTION AND PREPARATION.
FOR NON-HOME ECONOMICS MAJORS.
PREREQUISITE: SOPHOMORE STANDING.
3 HOURS.

04103	LECT		12	F	135	A S L	DOWNEY
04104	LAB	A	10-12	M W	338	BEV HALL	DOWNEY
04105	LAB	B	3-5	M W	338	BEV HALL	DOWNEY
04106	LAB	C	10-12	TU TH	338	BEV HALL	
04107	LAB	D	1-3	TU TH	338	BEV HALL	

H EC 132 FOODS AND NUTRITION.
PREREQUISITE: CREDIT OR REGISTRATION IN CHEM. 101.
3 HOURS.

04108	LAB-DISC	A	8-10	M W F	358	BEV HALL	JOHNSON
04109	LAB-DISC	B	8-10	M W F	376	BEV HALL	
04110	LAB-DISC	C	10-12	M W F	376	BEV HALL	GLOVER
04111	LAB-DISC	D	1-3	M W F	376	BEV HALL	GLOVER

H EC 133 FOOD MANAGEMENT.
PREREQUISITE: H. EC. 132.
2 HOURS.
CLASSES ARE HELD DURING NOON HOURS ONLY WHEN MEALS ARE SERVED.

04112	LAB-DISC	A	1-3	M	358	BEV HALL	JOHNSON
		A	12-3	W	358	BEV HALL	
04113	LAB-DISC	B	10-12	TU	376	BEV HALL	GLOVER
		B	10-1	TH	376	BEV HALL	
04114	LAB-DISC	C	1-3	TU	358	BEV HALL	JOHNSON
		C	12-3	TH	358	BEV HALL	

H EC 160 THE HOME AND ITS FURNISHINGS.
4 HOURS.

04115	LECT		9	TU TH	135	A S L	ALEXANDER
04116	LAB	A	10-12	M W	222	BEV HALL	
04117	LAB	B	1-3	M W	222	BEV HALL	
04118	LAB	C	3-5	M W	222	BEV HALL	ESHELMAN
04119	LAB	D	10-12	TU TH	222	BEV HALL	
04120	LAB	E	3-5	TU TH	222	BEV HALL	ESHELMAN

H EC 171 HOME MANAGEMENT.
2 HOURS.

04121	LECT-DISC	A	10	W F	166	BEV HALL	ANDERSON
04122	LECT-DISC	B	2	TU TH	166	BEV HALL	ANDERSON
04123	LECT-DISC	C	2	M W	166	BEV HALL	GUTHRIE

H EC 182 CLOTHING LABORATORY.
2 HOURS.
*SECTIONS B AND D ARE RESERVED FOR STUDENTS WITH FORMAL TRAINING IN CLOTHING CONSTRUCTION IN EITHER HIGH SCHOOL OR 4-H WORK.
*SECTIONS A1, B1, C1, D1, AND E1 ARE FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, AND VOCATIONAL HOME ECONOMICS EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2, B2, C2, D2, OR E2.

04124	LAB	*A1	10-12	M W	122	BEV HALL	
04129	LAB	*A2	10-12	M W	122	BEV HALL	
04125	LAB	*B1	3-5	M W	122	BEV HALL	
04130	LAB	*B2	3-5	M W	122	BEV HALL	
04126	LAB	*C1	10-12	TU TH	122	BEV HALL	
04131	LAB	*C2	10-12	TU TH	122	BEV HALL	
04127	LAB	*D1	1-3	M W	122	BEV HALL	
04132	LAB	*D2	1-3	M W	122	BEV HALL	
04128	LAB	*E1	3-5	TU TH	122	BEV HALL	
04133	LAB	*E2	3-5	TU TH	122	BEV HALL	

H EC 183 CONSUMER TEXTILES.
2 HOURS.

04134	LAB	A	10-12	M W	208	BEV HALL	TREBILCOCK
04135	LAB	B	3-5	M W	208	BEV HALL	
04136	LAB	C	10-12	TU TH	208	BEV HALL	TREBILCOCK

H EC 184 CLOTHING SELECTION.
PREREQUISITE: CREDIT OR REGISTRATION IN ART 185.
2 HOURS.

04137	LAB-DISC	A	3-5	M W	132	BEV HALL	
04138	LAB-DISC	B	8-10	TU TH	132	BEV HALL	ANSPACH
04139	LAB-DISC	C	10-12	TU TH	132	BEV HALL	

H EC 193 TEXTILE ARTS FOR OCCUPATIONAL THERAPY.
PREREQUISITE: ART 185.
4 HOURS.

04140	LAB	A1	1-5	TU TH	174	BEV HALL	LUKS

H EC 196 WEAVING.
3 HOURS.
*SECTION A1 IS FOR MAJORS IN HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, ART-CRAFTS, AND ART EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

04141	LAB	*A1	2-5	M W	174	BEV HALL	LUKS
04142	LAB	*A2	2-5	M W	174	BEV HALL	LUKS

H EC 202 LABORATORY IN CHILD DEVELOPMENT.
PREREQUISITE: H. EC. 105, PSYCH. 100 OR 103.
2 HOURS.
*LECTURE 1 AND #1 LAB SECTIONS ARE FOR HOME ECONOMICS-AGRICULTURE, HOME ECONOMICS-LAS, VOCATIONAL HOME ECONOMICS EDUCATION, AND EARLY CHILDHOOD EDUCATION ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE 2 AND ANY #2 SECTION.

04143	LECT	*1	3-5	M	12	C D	HARRISON
04152	LECT	*2	3-5	M	12	C D	NURSERY SCHOOL
04144	LAB	*A1	9	TU TH	219	C D	STAFF
04153	LAB	*A2	9	TU TH	219	C D	
04145	LAB	*B1	11	TU TH	219	C D	
04154	LAB	*B2	11	TU TH	219	C D	
04146	LAB	*C1	9	W F	219	C D	
04155	LAB	*C2	9	W F	219	C D	
04147	LAB	*D1	11	W F	219	C D	
04156	LAB	*D2	11	W F	219	C D	
04148	LAB	*E1	2-4	TU	219	C D	
04157	LAB	*E2	2-4	TU	219	C D	
04149	LAB	*F1	2-4	W	219	C D	
04158	LAB	*F2	2-4	W	219	C D	
04150	LAB	*G1	2-4	TH	219	C D	
04159	LAB	*G2	2-4	TH	219	C D	
04151	LAB	*H1	2-4	F	219	C D	
04160	LAB	*H2	2-4	F	219	C D	

H EC 210 FAMILY RELATIONSHIPS.
SAME AS ANTH. 210.
3 HOURS.

04161	LECT	A	11	M W F	12	C D	STACK
04162	LECT	B	1	M W F	12	C D	STACK

H EC 220 PRINCIPLES OF NUTRITION.
PREREQUISITE: CHEM. 102, H. EC. 132, AND PHYSL. 103.
3 HOURS.

04163	LECT		1	M W	328	BEV HALL	BROWN
	LAB		1-3	F	328	BEV HALL	BROWN

H EC 231 FOODS.
PREREQUISITE: CHEM. 102: H. EC. 133.
3 HOURS.

04164	LECT		10	F	328	BEV HALL	LAFONT
04165	LAB	A	9-12	M W	362	BEV HALL	LAFONT
04166	LAB	B	8-11	TU TH	362	BEV HALL	LAFONT

H EC 240 QUANTITY FOOD PRODUCTION AND SERVICE.
PREREQUISITE: FOOD HANDLERS CERTIFICATE, ECON. 108, H. EC. 231,
CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH H. EC. 240 AND 351.
*3 OR 5 HOURS.
SECTION C WILL MEET 8-1230 ON DAYS TO BE ARRANGED.

04167	LECT		3	W	291	BEV HALL	CRUSIUS
04168	LAB	A	8-1230	M W F	292	BEV HALL	PETERSON
04169	LAB	B	8-1230	TU TH	292	BEV HALL	
04170	LAB	C	ARR		292	BEV HALL	

H EC 260 INTERIORS AND FURNITURE, I.
PREREQUISITE: ART 119, 185, OR EQUIVALENT.
3 HOURS.

04171	LECT		10	M W	328	BEV HALL	ALEXANDER
			10	F	222	BEV HALL	ALEXANDER

H EC 263 TEXTILE DESIGN--PRINTING.
PREREQUISITE: ART 120 OR 186: CONSENT OF INSTRUCTOR.
3 HOURS.

04172	LAB-DISC		3-5	TU TH	234	BEV HALL	

H EC 270 FAMILY FINANCIAL MANAGEMENT.
PREREQUISITE: ECON. 102 AND 103 OR 108, H. EC. 171.
3 HOURS.

04173	LECT		9	M W F	328	BEV HALL	GUTHRIE

H EC 271 HOME MANAGEMENT.
FOR NON-HOME ECONOMICS MAJORS.
2 HOURS.

04174	LECT		11	TU TH	242	BEV HALL	GUTHRIE

H EC 273 HOME MANAGEMENT.
PREREQUISITE: ECON. 102 AND 103, OR 108, H. EC. 105, 133,
160, 171, 183, 184, CONSENT OF INSTRUCTOR.
3 HOURS.
*ADDITIONAL HOURS TO BE ARRANGED.
STUDENTS RESIDE IN HOME MANAGEMENT HOUSE FOR FOUR WEEKS.

04175	LECT		*10	TU TH	154	BEV HALL	GUTHRIE
	LAB		*12	MTUWTHF	1202 W GREEN		GUTHRIE AND
			*1-3	TU TH	1202 W GREEN		MAXWELL

H EC 280 HOUSEHOLD TEXTILES.
PREREQUISITE: H. EC. 183.
2 HOURS.

04176	LAB-DISC	A	8-10	M W	208	BEV HALL	
04177	LAB-DISC	B	3-5	TU TH	208	BEV HALL	WARFIELD

H EC 281 NON-TEXTILE APPAREL AND ACCESSORY MATERIALS.
PREREQUISITE: H. EC. 183.
2 HOURS.

04178	LAB		8-10	TU TH	208	BEV HALL	TREBILCOCK

H EC 286 CLOTHING DESIGN--FLAT PATTERN.
PREREQUISITE: ART 186 OR 120, H. EC. 182, 183 AND 184.
3 HOURS.

04179	LAB	A	9-12	TU TH	108	BEV HALL	ANSPACH
04180	LAB	B	2-5	TU TH	108	BEV HALL	ZWOLANEK

H EC 287 CONSUMER CLOTHING PROBLEMS.
PREREQUISITE: ECON. 108. H. EC. 183 OR 184. PSYCH. 100 OR 103. SOC. 100.
2 HOURS.

04181	LECT-DISC		2	M W	242	BEV HALL		ZWOLANEK

H EC 292 THESIS.
PREREQUISITE: SENIOR STANDING. APPROVAL OF HEAD OF DEPARTMENT.
3 TO 5 HOURS.
*SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.

04182	CONF	A	ARR					STAFF
04183	CONF	*&B	ARR					

H EC 301 ADVANCED PROBLEMS IN HOME GUIDANCE OF CHILDREN.
PREREQUISITE: H. EC. 202 AND 203. CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.
EACH STUDENT ARRANGES FOR ONE LABORATORY PERIOD ON T W T OR F.
*LAB &E IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING A MINIMUM GRADE POINT AVERAGE OF 4.0.
*LAB I OPEN TO GRADUATE STUDENTS ONLY AND WILL MEET 9-12 ON DAYS TO BE ARRANGED.

04184	LECT-DISC		1	TU TH	12	C D		MOWRER
04185	LAB	A	9-12	TU	109	C D		NURSERY SCHO
04186	LAB	B	9-12	W	109	C D		STAFF
04187	LAB	C	9-12	TH	109	C D		
04188	LAB	D	9-12	F	109	C D		
04192	LAB	*&E	2-5	TU	109	C D		
04189	LAB	F	2-5	W	109	C D		
04190	LAB	G	2-5	TH	109	C D		
04191	LAB	H	2-5	F	109	C D		
04193	LAB	*I	ARR		109	C D		

H EC 313 ECONOMICS OF CONSUMPTION.
SAME AS ECON 313.
PREREQUISITE: ECON. 102 OR 108: A COURSE IN APPLIED STATISTICS.
3 HOURS. OR 3/4 OR 1 UNIT.

04194	LECT-DISC	G	3	M W F	242	BEV HALL		DUNSING

H EC 320 DIET IN DISEASE.
PREREQUISITE: H. EC. 220.
3 HOURS OR 3/4 UNIT.

04195	LECT		8-10	TU	328	BEV HALL		BROWN
	LAB		8-10	TH	338	BEV HALL		BROWN

H EC 324 PROBLEMS IN NUTRITION.
SAME AS F. S. 324.
PREREQUISITE: BIOCH. 354 OR 350 AND 355. H. EC. 220. SENIOR STANDING.
3 TO 5 HOURS. OR 1/2 TO 1 UNIT.
*ONLY STUDENTS REGISTERING FOR 5 HOURS OR 1 UNIT CREDIT INCLUDE LABORATORY.

04196	LECT		8	M W F	449	BEV HALL		HASKELL
04197	LAB	A	9-12	F	420	BEV HALL		HASKELL
04198	LAB	&B	9-12	F	420	BEV HALL		HASKELL

H EC 326 PRESENTATIONS: PRINCIPLES AND TECHNIQUES.
PREREQUISITE: SENIOR STANDING. CONSENT OF INSTRUCTOR.
FIELD TRIP. ESTIMATED COST $15.
3 HOURS OR 1/2 UNIT.

04199	LECT		1	TU	328	BEV HALL		DOWNEY
	LAB		2-5	TU	328	BEV HALL		DOWNEY
			1-4	TH	328	BEV HALL		

H EC 330 EXPERIMENTAL FOODS.
PREREQUISITE: H. EC. 231. MCBIO. 100. 101.
*FOR 1 UNIT TWO ADDITONAL HOURS WILL BE SCHEDULED.
*3 HOURS. OR 3/4 OR 1 UNIT.

04200	LECT		*1	F	449	BEV HALL		
	LAB		*1-4	M W	362	BEV HALL		

H EC 331 PROBLEMS IN FOODS.
PREREQUISITE: H. EC. 330.
3 HOURS OR 3/4 UNIT.

04201	LAB-DISC	A	ARR		486	BEV HALL		VAN DUYNE
04202	LAB-DISC	&B	ARR		486	BEV HALL		

H EC 350 INSTITUTION AND RESTAURANT MANAGEMENT: ORGANIZATION AND ADMINISTRATION.
PREREQUISITE: H. EC. 220 AND 240.
FIELD TRIPS. ESTIMATED COST. $20 TO $25.
*CREDIT IS NOT GIVEN FOR BOTH H. EC. 350 AND H. EC. 351.
*4 HOURS OR 1 UNIT.

04203	LECT-DISC		10-12		TH	291	BEV HALL	HUNZICKER
	LAB		2-6		F	291	BEV HALL	HUNZICKER

H EC 355 SPECIALIZED QUANTITY FOOD PRODUCTION AND MANAGEMENT.
PREREQUISITE: H. EC. 240. CREDIT OR REGISTRATION IN H. EC. 350 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

04204	LECT-DISC		1		TU TH	291	BEV HALL	HUNZICKER AND
	LAB		2-4		TU TH	292	BEV HALL	CRUSIUS

H EC 361 DEVELOPMENT AND FUNCTION OF FAMILY HOUSING.
SAME AS AG. M. 361.
PREREQUISITE: H. EC. 160 AND 171 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

04205	LECT		11		M W	240	AGR ENG	HANSEN
04206	LAB	A	10-12		F	209	AGR ENG	HANSEN
04207	LAB	B	10-12		TH	209	AGR ENG	

H EC 377 HOME ECONOMICS. COOPERATIVE EXTENSION.
PREREQUISITE: ECON. 108: PSYCH. 100 AND SOC. 100. OR EDPSY. 211. OR AGR. 206: CONSENT OF INSTRUCTOR.
FIELD TRIPS.
3 HOURS. OR 1/2 OR 1 UNIT.

04208	LECT-DISC		8		TU	154	BEV HALL	DUNLAP
			8-10		TH	154	BEV HALL	

H EC 378 PROBLEMS IN HOME MANAGEMENT. HOUSING. AND INTERIOR DESIGN.
PREREQUISITE: H. EC. 262 OR 270: SENIOR STANDING: CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 TO 1 UNIT.

04209	CONF		ARR					ALEXANDER AND GOODYEAR

H EC 379 PROBLEMS IN FAMILY AND CONSUMPTION ECONOMICS.
PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN APPLIED STATISTICS. H. EC. 370. H. EC. 313. OR CONSENT OF INSTRUCTOR. SENIOR STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.

04210	CONF	&	ARR					DUNSING HAFSTROM

H EC 386 CLOTHING DESIGN--DRAPING.
PREREQUISITE: H. EC. 285 OR CONSENT OF INSTRUCTOR. H. EC. 286.
4 HOURS OR 1 UNIT.

04211	LAB-DISC		8-11		M W	108	BEV HALL	ANSPACH
			8-10		F	108	BEV HALL	ANSPACH

H EC 388 PROBLEMS IN TEXTILES AND CLOTHING.
PREREQUISITE: H. EC. 286 OR 380. OR B. ADM. 212. MINIMUM GRADE POINT AVERAGE OF 3.5. SENIOR STANDING IN HOME ECONOMICS. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04212	CONF		ARR					ANSPACH. LUKS TREBILCOCK WARFIELD ZWOLANEK

H EC 395 FASHION ANALYSIS.
PREREQUISITE: ADV. 281. SENIOR STANDING. CONSENT OF INSTRUCTOR.
FIELD TRIP. ESTIMATED EXPENSE. $10.
3 HOURS OR 1/2 UNIT.

04213	LECT-DISC		1		M W F	242	BEV HALL	TREBILCOCK

H EC 418 SEMINAR IN CHILD DEVELOPMENT.
PREREQUISITE: H. EC. 301.
1 UNIT.

04214	LECT-DISC		1-3		M	208	C D	JOHNSON
	LAB		ARR			208	C D	

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H EC  419     SEMINAR IN FAMILY RELATIONSHIPS.
        PREREQUISITE: H. EC. 410.
        1 UNIT.
      04215      DISC                 3-5     M  W       208  C D          MOWRER


H EC  432     SEMINAR IN FOODS.
        PREREQUISITE: UNDERGRADUATE MAJOR IN FOODS AND NUTRITION,
        CHEMISTRY, MICROBIOLOGY, OR PHYSIOLOGY, AND CONSENT OF INSTRUCTOR.
        1/2 OR 1 UNIT.
      04216      DISC              ARR                   449  BEV HALL     VAN DUYNE


H EC  470     SEMINAR IN FAMILY AND CONSUMPTION ECONOMICS.
              SAME AS AG. EC. 470.
        PREREQUISITE: ECON. 102 OR 108 AND A COURSE IN STATISTICS,
        H. EC. 370, H. EC. 313, OR CONSENT OF INSTRUCTOR.
        1/2 OR 1 UNIT.
      04217      DISC              ARR                   154  BEV HALL     DUNSING


H EC  480     SEMINAR IN TEXTILES.
        PREREQUISITE: H. EC. 380 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
        1/2 OR 1 UNIT.
      04218      DISC              ARR


H EC  493     ADVANCED STUDIES IN HOME ECONOMICS.
        1/2 OR 1 UNIT.
        WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
        *     A--THE CHILD AND THE FAMILY
        *     B--FAMILY AND CONSUMPTION ECONOMICS
        *     C--FOODS
        *     D--NUTRITION
        *     E--TEXTILES AND CLOTHING
      04219      CONF      *A      ARR                                     STAFF
      04220      CONF      *B      ARR
      04221      CONF      *C      ARR
      04222      CONF      *D      ARR
      04223      CONF      *E      ARR


H EC  499     THESIS RESEARCH.
        0 TO 4 UNITS.
        WORK MAY BE TAKEN IN THE FOLLOWING SUBJECTS:
        *     A--THE CHILD AND THE FAMILY                    MILLS
        *     B--FAMILY AND CONSUMPTION ECONOMICS            DUNSING
        *     C--FOODS                                       VAN DUYNE
        *     D--NUTRITION                                   HASKELL
        *     E--TEXTILES AND CLOTHING
      04224      CONF      *A      ARR
      04225      CONF      *B      ARR
      04226      CONF      *C      ARR
      04227      CONF      *D      ARR
      04228      CONF      *E      ARR
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DEPARTMENT OFFICE 124 M H

HORT 100 INTRODUCTORY HORTICULTURE.
PREREQUISITE: BOT. 100.
3 HOURS.

04229	LECT-DISC		2	M W F	W115	T H		ZYCH

HORT 110 PLANT AND ANIMAL GENETICS.
SAME AS AN. S., AGRON., AND D. S. 110.
PREREQUISITE: BIOL. 110 AND 111 OR BOT. 100 (OR BOT. 101) AND ZOOL. 104.
3 HOURS.

04230	LAB	1	1-3	TU	W13	T H		D E ALEXANDER
	LECT		2	M W	W109	T H		AND OTHERS
04231	LAB	2	3-5	TU	W13	T H		
	LECT		2	M W	W109	T H		
04232	LAB	3	1-3	TH	W13	T H		
	LECT		2	M W	W109	T H		

HORT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04233	CONF		ARR					STAFF

HORT 211 HOME GROUNDS DEVELOPMENT AND CONSTRUCTION.
PREREQUISITE: L. A. 152 AND HORT. 210. OR CONSENT OF INSTRUCTOR.
3 HOURS.

04234	LECT		9	M	103	FLOR		NELSON
	LAB		10-12	M F	234	BEV HALL		

HORT 224 FLORICULTURAL CROPS PRODUCTION. II.
PREREQUISITE: HORT. 223.
3 HOURS.

04235	LECT-DISC	A	10	M W F	103	FLOR		CULBERT
	LAB	A	11	M W F	101	FLOR		

HORT 231 FLORAL DECORATIONS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

04236	LECT	A	2	TU	101	FLOR		CULBERT
04237	LECT	B	2	TH	103	FLOR		
04238	LAB	A	10-12	TU TH	101	FLOR		
04239	LAB	B	3-5	TU TH	101	FLOR		
04240	LAB	C	3-5	M W	101	FLOR		

HORT 234 NURSERY MANAGEMENT.
PREREQUISITE: BOT. 100.
3 HOURS.

04241	LECT-DISC		10-12	TU TH	103	FLOR		GARTNER

HORT 236 TURF MANAGEMENT.
PREREQUISITE: BOT. 100.
3 HOURS.

04242	LECT-DISC		1-3	TU	103	FLOR		TURGEON
	LAB		1-3	TH	101	FLOR		

HORT 242 VEGETABLE CROPS PRODUCTION.
PREREQUISITE: HORT. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04243	LECT-DISC		11	M W F	103	FLOR		ARNOLD

HORT 300 SPECIAL PROBLEMS.
PREREQUISITE: NOT OPEN TO STUDENTS ON PROBATION. WRITTEN CONSENT OF THE INSTRUCTOR AND AUTHORIZED DEPARTMENTAL APPROVAL IS REQUIRED PRIOR TO ADVANCE ENROLLMENT AND REGISTRATION.
1 TO 5 HOURS. OR 1/2 TO 2 UNITS.

04244	CONF		ARR					STAFF

HORT 322 PLANT NUTRITION.
PREREQUISITE: BOT. 330 AND 335 OR EQUIVALENT, AND ONE SEMESTER OF ORGANIC CHEMISTRY.
4 HOURS OR 1 UNIT.
*ADDITIONAL HOUR TO BE ARRANGED.

04245	LECT-DISC	A	*9	M W F	N107	T H	HUGHES

HORT 335 ECONOMICS OF FOOD DISTRIBUTION.
SAME AS AG. EC. 335.
PREREQUISITE: ECON. 108, AG. EC. 230 OR AN ELEMENTARY MARKETING COURSE.
3 HOURS, OR 3/4 OR 1 UNIT.

04246	LECT-DISC	D	11	M W F	313	M H	KELLY

HORT 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S. D. S., F. S. FOR., AND V. M. S. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

04247	LAB-DISC	1	1-3	TU	W223	T H	SEIF
	LECT		9	TU TH	W109	T H	
04248	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
04249	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
04250	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

HORT 424 MINERAL NUTRITION OF PLANTS.
SAME AS BOT. AND AGRON. 424.
PREREQUISITE: BOT. 330 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04251	LECT-DISC		11	TUWTHF	N107	T H	HAGEMAN

HORT 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND V. M. S. 440.
PREREQUISITE: HORT. 340 OR EQUIVALENT.
3/4 UNIT.

04252	LAB-DISC	1	1-3	TH	W223	T H	CARMER, WALKER
	LECT		9	M W	W115	T H	
04253	LAB-DISC	2	3-5	TH	W223	T H	
	LECT		9	M W	W115	T H	

HORT 447 HORTICULTURE SEMINAR.
PREREQUISITE: GRADUATE STANDING IN HORTICULTURE OR ALLIED FIELDS.
1/4 UNIT.

04254	LECT-DISC		4	W	W115	T H	STAFF

HORT 492 SPECIAL TOPICS IN HORTICULTURE.
PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
1/2 TO 2 UNITS.

04255	CONF		ARR				STAFF

HORT 499 THESIS RESEARCH.
REQUIRED FOR MAJOR IN HORTICULTURE.
PREREQUISITE: TWENTY HOURS OF UNDERGRADUATE WORK IN HORTICULTURE AND ALLIED SUBJECTS FOR A MAJOR AND TWELVE HOURS FOR A MINOR.
0 TO 4 UNITS.

04256	CONF		ARR				STAFF

HUMAN 152 THE HUMANITIES IN WESTERN CULTURE. II.
PREREQUISITE: HUMAN. 151.
4 HOURS.

04257	LECT-DISC	A	8-10		W F	312	D H		FULLARD
04258	LECT-DISC	C1	10-12	M	W	240	ADMIN		PIGMAN
04259	LECT-DISC	C2	10-12	M	W	433	ARMORY		HORTON
04260	LECT-DISC	F	2-4	M	W	240	ADMIN		STOKES
04261	LECT-DISC	L	8-10		TU TH	240	ADMIN		CURLEY
04262	LECT-DISC	N1	10-12		TU TH	240	ADMIN		GOLLA
04263	LECT-DISC	N2	10-12		TU TH	433	ARMORY		MEIER
04264	LECT-DISC	S1	2-4		TU TH	240	ADMIN		MEIER
04265	LECT-DISC	S2	2-4		TU TH	137	ADMIN		CURLEY

HUMAN 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04266	CONF		ARR						STAFF

HUMAN 202 INTRODUCTION TO THE NEW TESTAMENT.
SAME AS RELST. 202.
OPEN TO SOPHOMORES IN GOOD STANDING.
3 HOURS.

04267	LECT	B	9	M	W	114	D K H		ROBBINS
04268	LECT	C	10	M	W	62	K M		SCHOEDEL
04269	DISC	D	8		TH	G18	F L B		
04270	DISC	E	9		TH	1030	F L B		
04271	DISC	F	10		TH	G30	F L B		
04272	DISC	G	11		TH	1120	F L B		
04273	DISC	H	1		TH	G30	F L B		
04274	DISC	I1	9		F	G46	F L B		
04275	DISC	I2	9		F	G36	F L B		
04276	DISC	J1	10		F	G46	F L B		
04277	DISC	J2	10		F	G36	F L B		
04278	DISC	K	11		F	G36	F L B		

HUMAN 216 LITERATURE AND OTHER ARTS. II.
PREREQUISITE: HUMAN. 215.
3 HOURS.

04279	LECT-DISC	E	1	M	W F	196	L H		DUNDAS

HUMAN 256 INTRODUCTION TO FRENCH LITERATURE, IN TRANSLATION. II.
SAME AS FR. 256.
NOT OPEN TO STUDENTS MAJORING IN FRENCH.
4 HOURS.

04280	LECT-DISC	C1	10	M	W F	370	L H		
04281	LECT-DISC	C2	10	M	W F	390	L H		

HUMAN 315 NINETEENTH CENTURY LITERATURE IN TRANSLATION.
SAME AS RUSS. 315.
NO KNOWLEDGE OF RUSSIAN REQUIRED.
3 HOURS OR 1 UNIT.

04282	LECT-DISC		3-415	M	W	392	L H		

HUMAN 364 INTRODUCTION TO COMPARATIVE LITERATURE. II.
SAME AS C. LIT. 364.
3 HOURS OR 3/4 UNIT.

04283	LECT-DISC	P	11		TU TH	G48	F L B		SMALLEY
04284	LECT-DISC	S	2		TU TH	G48	F L B		SMALLEY

INDONESIAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

INDON 202 ELEMENTARY INDONESIAN, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISITE: INDON 201.
5 HOURS.
OPEN TO FRESHMEN.

04285	LECT-DISC		APR	KARTASASMITA

INDON 304 INTERMEDIATE INDONESIAN, II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: INDON. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

04286	LECT-DISC		ARR	KARTASASMITA

INDUSTRIAL ENGINEERING

DEPARTMENT OFFICE 144 M E B

I E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04287	CONF		ARR	

I E 232 METHODS - TIME ANALYSIS.
PREREQUISITE: M. E. 185, OR EQUIVALENT: JUNIOR STANDING.
3 HOURS.

04288	LAB-DISC	E	1-3	M W	235	M E B

I E 282 PROCESS PLANNING AND ECONOMY IN MANUFACTURING.
PREREQUISITE: M. E. 185 OR EQUIVALENT: SENIOR STANDING IN ENGINEERING.
*CREDIT IS NOT GIVEN FOR BOTH I. E. 262 AND 382.
*3 HOURS.

04289	LECT	K	8	TU TH	135	M E B
04290	LAB	L3	9-12	TH	135	M E B
04291	LAB	Q1	2-5	TU	135	M E B

I E 286 OPERATIONS ANALYSIS.
PREREQUISITE: I. E. 232 AND MATH 263, OR CONSENT OF INSTRUCTOR.
3 HOURS.

04292	LECT-DISC	B	9	M W F	243	M E B

I E 287 JOB EVALUATION AND WAGE INCENTIVES.
PREREQUISITE: I. E. 232 OR EQUIVALENT, SENIOR STANDING.
3 HOURS.

04293	LECT-DISC	D	11	M W F	235	M E B

I E 288 INDUSTRIAL SYSTEMS ANALYSIS AND DESIGN.
PREREQUISITE: CREDIT OR REGISTRATION IN I. E. 282 AND 286.
3 HOURS.

04294	LECT-DISC	CQ3	10	M F	243	M E B
	LAB	CQ3	2-5	TH	243	M E B

I E 290 SENIOR PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING.
*MAY BE REPEATED FOR CREDIT.
*2 HOURS.

04295	CONF	Y	ARR	

I E 291 SEMINAR.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING. MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR.
0 CREDIT.

04296	LECT	G	3	W	249	M E B

I E 293 SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN INDUSTRIAL ENGINEERING, CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.

04297	CONF	Z	APR					

I E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING: CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

04298	CONF	&Z	APR					

I E 306 QUANTITATIVE METHODS IN ERGONOMICS.
SAME AS P. E. AND PHYSL. 306.
PREREQUISITE: I. E./P. E./PHYSL. 305.
4 HOURS OR 1 UNIT.

04299	LAB		1-4	TU TH	422	BUR HALL		HERTIG

I E 332 STANDARD TIME SYSTEMS.
PREREQUISITE: I. E. 232.
3 HOURS, OR 3/4 OR 1 UNIT.

04300	LECT-DISC		8-10	TU TH	235	M E B		PIGAGE

I E 333 ENGINEERING APPLICATIONS OF STATISTICS.
PREREQUISITE: MATH. 263 OR MATH. 363.
3 HOURS, OR 3/4 OR 1 UNIT.

04301	LECT-DISC		3	M W F	243	M E B		HENRY

I E 334 INTRODUCTION TO RELIABILITY ENGINEERING.
SAME AS G. E. 334.
PREREQUISITE: I. E. 333 OR MATH. 361 OR EQUIVALENT WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

04302	LECT-DISC		11	M W F	243	M E B		

I E 350 MANUFACTURING PROCESS AND TOOL DESIGN.
PREREQUISITE: I. E. 282 OR UNDERGRADUATE COURSE IN ENGINEERING ECONOMY.
3 HOURS, OR 3/4 OR 1 UNIT.

04303	LECT-DISC		2	M W F	135	M E B		

I E 357 SAFETY ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

04304	LECT-DISC		8	M W F	218	M E B		HARPER

I E 358 PROBLEMS IN SAFETY ENGINEERING.
PREREQUISITE: I. E. 357 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

04305	LECT-DISC		ARR					HARPER

I E 382 DESIGN OF MANUFACTURING PROCESSING SYSTEMS.
PREREQUISITE: M. E. 185, C. S. 101, AND M. E. 234.
*CREDIT IS NOT GIVEN FOR BOTH I. E. 382 AND 282.
*3 HOURS, OR 3/4 OR 1 UNIT.

04306	LAB-DISC	P	1	TU TH	135	M E B		DOYLE
04307	LAB	L1	9-12	TU	135	M E B		DOYLE
04308	LAB	Q3	2-5	TH	135	M E B		DOYLE

I E 386 INDUSTRIAL ENGINEERING ANALYSIS.
PREREQUISITE: MATH. 263 AND I. E. 286, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

04309	LECT-DISC		10-12	TU TH	243	M E B		HOGG

I E 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS, OR 1/2 TO 1 UNIT.

04310	CONF	Y	ARR					STAFF
04311	CONF	Z	ARR					STAFF

I E 402 SCIENTIFIC MANAGEMENT. II.
SAME AS B. ADM. 402.
PREREQUISITE: E. ADM. OR I. E. 401: BACKGROUND IN COMPUTER TECHNOLOGY OR CONSENT OF INSTRUCTOR.
1 TO 1 1/2 UNITS.

04312	LECT-DISC		3-5	TU TH	235	M E B	

I E 417 DESIGN OF CONSTRUCTION AND INDUSTRIAL OPERATIONS. 11.
SAME AS C. E. 417.
PREREQUISITE: C. E. OR I. E. 416. CREDIT OR REGISTRATION IN MATH. 315. OR CONSENT OF INSTRUCTOR.
1 UNIT.
*CIVIL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION CE.
*INDUSTRIAL ENGINEERING STUDENTS SHOULD REGISTER IN SECTION LM.

04313	LECT-DISC	*CE	8-920	TU TH	322	E H	
04314	LECT-DISC	*LM	8-920	TU TH	243	M E B	DESSOUKY

I E 454 PRODUCTION ENGINEERING.
PREREQUISITE: I. E. 453.
1 UNIT.

04315	LECT-DISC		ARR				PIGAGE

I E 458 LABORATORY INVESTIGATIONS IN INDUSTRIAL ENGINEERING.
1/2 TO 1 1/2 UNITS.

04316	CONF		ARR				HARPER, HENI DESSOUKY, HO DEVOR, PIGA(

ITALIAN

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY HOURS IN ITALIAN, EXCLUDING ITALIAN 101 AND 102, AND INCLUDING AT LEAST FIVE HOURS FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. LINGUISTICS 300 AND ITALIAN 291 AND 292 ARE ACCEPTABLE.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, LATIN, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, RUSSIAN, AND SPANISH.

ITAL 101 ELEMENTARY ITALIAN. I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR ITAL. 101 WITHOUT ITAL. 102.
*4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS K3-K20.

04317	LECT-DISC	C	10	TUWTHF	176	L H	
04318	LECT-DISC	F	2	MTUWTH	108	L H	
04319	LAB	K3	8-830	W	F	202	L H
04320	LAB	K4	830-9	W	F	202	L H
04321	LAB	K5	9-930	W	F	202	L H
04322	LAB	K6	930-10	W	F	202	L H
04323	LAB	K7	10-1030	W	F	202	L H
04324	LAB	K8	1030-11	W	F	202	L H
04325	LAB	K9	11-1130	W	F	202	L H
04326	LAB	K10	1130-12	W	F	202	L H
04327	LAB	K11	12-1230	W	F	202	L H
04328	LAB	K12	1230-1	W	F	202	L H
04329	LAB	K13	1-130	W	F	202	L H
04330	LAB	K14	130-2	W	F	202	L H
04331	LAB	K15	2-230	W	F	202	L H
04332	LAB	K16	230-3	W	F	202	L H
04333	LAB	K17	3-330	W	F	202	L H
04334	LAB	K18	330-4	W	F	202	L H
04335	LAB	K19	4-430	W	F	202	L H
04336	LAB	K20	430-5	W	F	202	L H

ITAL 102 ELEMENTARY ITALIAN. II.
PREREQUISITE: ITAL. 101 OR ONE YEAR OF HIGH SCHOOL ITALIAN.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS L3-L20.

04337	LECT-DISC	A	8	TUWTHF		170	L	H
04338	LECT-DISC	C	10	TUWTHF		108	L	H
04339	LECT-DISC	F	2	MTUWTH		176	L	H
04340	LAB	L3	8-830	W	F	202	L	H
04341	LAB	L4	830-9	W	F	202	L	H
04342	LAB	L5	9-930	W	F	202	L	H
04343	LAB	L6	930-10	W	F	202	L	H
04344	LAB	L7	10-1030	W	F	202	L	H
04345	LAB	L8	1030-11	W	F	202	L	H
04346	LAB	L9	11-1130	W	F	202	L	H
04347	LAB	L10	1130-12	W	F	202	L	H
04348	LAB	L11	12-1230	W	F	202	L	H
04349	LAB	L12	1230-1	W	F	202	L	H
04350	LAB	L13	1-130	W	F	202	L	H
04351	LAB	L14	130-2	W	F	202	L	H
04352	LAB	L15	2-230	W	F	202	L	H
04353	LAB	L16	230-3	W	F	202	L	H
04354	LAB	L17	3-330	W	F	202	L	H
04355	LAB	L18	330-4	W	F	202	L	H
04356	LAB	L19	4-430	W	F	202	L	H
04357	LAB	L20	430-5	W	F	202	L	H

ITAL 103 INTERMEDIATE ITALIAN. I.
PREREQUISITE: ITAL. 102 OR TWO YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS M3-M20.

04358	LECT-DISC	X	12	MTUWTH		108	L	H
04359	LAB	M3	8-830	W	F	202	L	H
04360	LAB	M4	830-9	W	F	202	L	H
04361	LAB	M5	9-930	W	F	202	L	H
04362	LAB	M6	930-10	W	F	202	L	H
04363	LAB	M7	10-1030	W	F	202	L	H
04364	LAB	M8	1030-11	W	F	202	L	H
04365	LAB	M9	11-1130	W	F	202	L	H
04366	LAB	M10	1130-12	W	F	202	L	H
04367	LAB	M11	12-1230	W	F	202	L	H
04368	LAB	M12	1230-1	W	F	202	L	H
04369	LAB	M13	1-130	W	F	202	L	H
04370	LAB	M14	130-2	W	F	202	L	H
04371	LAB	M15	2-230	W	F	202	L	H
04372	LAB	M16	230-3	W	F	202	L	H
04373	LAB	M17	3-330	W	F	202	L	H
04374	LAB	M18	330-4	W	F	202	L	H
04375	LAB	M19	4-430	W	F	202	L	H
04376	LAB	M20	430-5	W	F	202	L	H

ITAL 104 INTERMEDIATE ITALIAN. II.
PREREQUISITE: ITAL. 103 OR THREE YEARS OF HIGH SCHOOL ITALIAN.
4 HOURS.

04377	LECT-DISC	X	12	MTUWTH	1136	F L	B

ITAL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION E TOPIC: TWENTIETH CENTURY SOCIAL PROBLEMS AS REFLECTED IN ITALIAN LITERATURE. READINGS AND DISCUSSIONS IN ENGLISH.
NO KNOWLEDGE OF ITALIAN IS REQUIRED.

04378	LECT-DISC	E	1	M W F	1126	F L	B	CASSELL

ITAL 212 COMPOSITION AND CONVERSATION. II.
PREREQUISITE: ITAL. 211 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04379	LECT-DISC	D	11	M W F	1134	F L	B

ITAL 292 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN ITALIAN.
2 HOURS.

04380	CONF	&A	ARR	STAFF

ITAL 312 DANTE--LA DIVINA COMMEDIA.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT.

04381	LECT-DISC		9	TU TH	1126	F L	B	PIETRANGELI

ITAL 322 MODERN ITALIAN LITERATURE.
PREREQUISITE: ITAL. 101 AND 102.
2 HOURS OR 1/2 UNIT.

04382	LECT-DISC	11	TU TH	1126	F L B	CASSELL

ITAL 412 ITALIAN LITERATURE IN THE MIDDLE AGES: PETRARCH AND BOCCACCIO.
1 UNIT.

04383	LECT-DISC	9	M W	1126	F L B	CASSELL

ITAL 462 SEMINAR IN ROMANCE LINGUISTICS.
SAME AS FR., LING., PORT., RMLNG., AND SPAN. 462.
PREREQUISITE: RMLNG. 362 OR CONSNET OF INSTRUCTOR.
1 UNIT.

04384	LECT-DISC	1	M W	1118	F L B	SALTARELLI

ITAL 491 SPECIAL TOPICS IN ITALIAN.
1/2 OR 1 UNIT.

04385	CONF	ARR				STAFF

ITAL 499 THESIS RESEARCH.
0 TO 4 UNITS.

04386	CONF	ARR				MONTANO PIETRANGELI SALTARELLI

JAPANESE

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

JAPAN 202 ELEMENTARY JAPANESE. II.
PREREQUISITE: JAPAN. 201.
5 HOURS.
OPEN TO FRESHMEN.

04387	LECT-DISC A	9	MTUWTHF	304	G H	MAKINO
04388	LECT-DISC B	9	MTUWTHF	305	G H	

JAPAN 204 INTERMEDIATE JAPANESE. II.
PREREQUISITE: JAPAN. 203 OR EQUIVALENT.
5 HOURS.

04389	LECT-DISC	2	MTUWTHF	392	L H	PLUTSCHOW

JAPAN 206 JAPANESE LITERATURE IN TRANSLATION. II.
3 HOURS.
OPEN TO FRESHMEN. NO KNOWLEDGE OF JAPANESE REQUIRED.

04390	LECT-DISC	10	M W F	392	L H	PLUTSCHOW

JAPAN 302 INTENSIVE JAPANESE. II.
PREREQUISITE: JAPAN. 202 OR 301, OR EQUIVALENT.
10 HOURS OR 2 UNITS.
OPEN TO FRESHMEN.
ALL UNDERGRADUATE STUDENTS MUST ENROLL IN BOTH SECTION 1 AND SECTION 2.

04391	LECT-DISC 1	10-12	MTUWTHF	145	L H	MAKINO
04392	LECT-DISC 2	10-12	MTUWTHF	442	M H	MAKINO

JAPAN 304 ADVANCED JAPANESE. II.
PREREQUISITE: JAPAN. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

04393	LECT-DISC	9	MTUWTHF	103	N L	SUZUKI

JAPAN 306 ADVANCED READINGS IN MODERN JAPANESE. II.
PREREQUISITE: JAPAN. 305 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04394	LECT-DISC	ARR				PLUTSCHOW

JAPAN 309 SOCIAL SCIENCE READINGS IN JAPANESE.
PREREQUISITE: JAPAN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04395	LECT-DISC	ARR				

JAPAN 310 MODERN JAPANESE LITERATURE.
PREREQUISITE: JAPAN. 304, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04396	LECT-DISC		ARR					

JOURNALISM

DEPARTMENT OFFICE 120A G H

JOURN 114 AGRICULTURAL JOURNALISM.
SAME AS AGR. 114.
3 HOURS.

04397	LECT-DISC		10	TU TH		313	M H		
04398	LAB	A	1	TH		442	M H		
04399	LAB	B	2	TH		442	M H		

JOURN 211 NEWSWRITING.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

04400	LECT		11		F	213	G H		HILDWEIN
04401	LAB	A	8-10	M W		25	G H		AND STAFF
04402	LAB	C	10-12	M W		25	G H		
04403	LAB	D	8-10	W	F	225	G H		
04404	LAB	F	1-3	M W		25	G H		
04405	LAB	G	3-5	M W		25	G H		
04406	LAB	L	8-10	TU TH		25	G H		
04407	LAB	N	10-12	TU TH		25	G H		
04408	LAB	O	10-12	TU TH		225	G H		
04409	LAB	R	1-3	TU TH		25	G H		
04410	LAB	T	3-5	TU TH		25	G H		

JOURN 212 PUBLIC AFFAIRS REPORTING.
PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF COMMUNICATIONS. OR CONSENT OF THE COLLEGE.
3 HOURS.
*SIX ADDITIONAL HOURS TO BE ARRANGED.

04411	LECT-DISC	M	*9	TU TH		43	G H		GRAHAM
04412	LECT-DISC	O	*11	TU TH		329	G H		
04413	LECT-DISC	R	*1	TU TH		113	G H		ERICKSON
04414	LECT-DISC	S	*2	TU TH		3	G H		GILMORE
04415	LECT-DISC	T	*3	TU TH		113	G H		CLEMENTS

JOURN 214 ADVANCED AGRICULTURAL JOURNALISM.
SAME AS AGR. 214.
PREREQUISITE: JOURN. 114 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04416	LECT-DISC		2	M		442	M H		
	LAB		2-4	W		442	M H		

JOURN 215 CONTEMPORARY AFFAIRS.
PREREQUISITE: JOURN. 211 AND REGISTRATION IN THE COLLEGE OF COMMUNICATIONS. OR CONSENT OF THE COLLEGE.
2 HOURS.

04417	LECT-DISC	P	10	TU TH		113	G H		GERSHEN
04418	LECT-DISC	S	2	TU TH		113	G H		GRAHAM

JOURN 217 HISTORY OF COMMUNICATIONS.
SAME AS COMM. 217.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.

04419	LECT-DISC	E	1	M W	F	113	G H		ERICKSON
04420	LECT-DISC	F	2	M W	F	219	G H		BOSTON

JOURN 220 PROCESSES AND SYSTEMS OF COMMUNICATION.
SAME AS COMM. 220.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS B1 AND G1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS B2 AND G2. ART-GRAPHIC DESIGN MAJORS SEE COMMUNICATIONS 220.

04421	LECT-DISC	*B1	10	M	W	F	113	G	H	KREILING
04423	LECT-DISC	*B2	10	M	W	F	113	G	H	
04422	LECT-DISC	*G1	3	M	W	F	113	G	H	CAREY
04424	LECT-DISC	*G2	3	M	W	F	113	G	H	

JOURN 223 PHOTO-JOURNALISM.
COST OF MATERIALS APPROXIMATELY $15 PER STUDENT. CAMERAS ARE PROVIDED BY THE COLLEGE.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS AND CONSENT OF INSTRUCTOR.
3 HOURS.
*LECTURE-DISCUSSION B1 AND LABS R1 AND S1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE-DISCUSSION B2 AND LAB R2 OR S2.

04425	LECT	*B1	9			F	25	G	H	HILDWEIN
04428	LECT	*B2	9			F	25	G	H	
04426	LAB	*R1	1-5		TU		13	G	H	
04429	LAB	*R2	1-5		TU		13	G	H	
04427	LAB	*S1	1-5			TH	13	G	H	
04430	LAB	*S2	1-5			TH	13	G	H	

JOURN 231 MASS COMMUNICATIONS IN A DEMOCRATIC SOCIETY.
SAME AS COMM. 231.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS, OR CONSENT OF THE COLLEGE.
3 HOURS.
*SECTIONS D1 AND E1 ARE FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS D2 AND E2.

04431	LECT-DISC	*D1	11	M	W	F	123	G	H	BOSTON
04433	LECT-DISC	*D2	11	M	W	F	123	G	H	
04432	LECT-DISC	*E1	1	M	W	F	123	G	H	
04434	LECT-DISC	*E2	1	M	W	F	123	G	H	

JOURN 241 LAW AND COMMUNICATIONS.
SAME AS COMM. 241.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

04435	LECT-DISC		2	M	W	F	113	G	H	ALFELD

JOURN 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS COMM. AND SOC. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR CONSENT OF THE COLLEGE.
3 HOURS.

04436	LECT-DISC	F	2	M	W	F	215	G	H	KREILING
04437	LECT-DISC	G	3	M	W	F	215	G	H	MARCUM

JOURN 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 OR 3 HOURS.
*SECTION A: MARXISM AND COMMUNICATIONS.
*SECTION B: READINGS IN JOURNALISM.

04438	CONF		ARR	JENSEN & STAFF
04439	CONF	*A	ARR	GUBACK
04440	CONF	*B	ARR	JENSEN

JOURN 310 TYPOGRAPHIC DISCIPLINES OF THE BOOK.
SAME AS ENGL. 392 AND LIB. S. 310.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

04441	LECT-DISC	ARR

JOURN 321 NEWS EDITING.
PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 204 AND 212: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS: OR CONSENT OF THE COLLEGE.
4 HOURS OR 1 UNIT.

04442	LECT		11	TU TH	319	G H		SCHACHT
04443	LAB	A	8-11	M W	14	G H		
04444	LAB	E	1-4	M W	14	G H		
04445	LAB	L	8-11	TU TH	14	G H		
04446	LAB	R	1-4	TU TH	14	G H		

JOURN 323 ADVANCED REPORTING.
PREREQUISITE: JOURN 211 AND 212: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS: OR CONSENT OF THE COLLEGE.
3 HOURS OR 1/2 UNIT.
*SIX ADDITIONAL HOURS TO BE ARRANGED.

04447	LECT-DISC	M	*9	TU TH	113	G H		BOSTON
04448	LECT-DISC	P	*11	TU TH	113	G H		GRAHAM
04449	LECT-DISC	S	*2	TU TH	43	G H		GERSHEN

JOURN 326 MAGAZINE ARTICLE WRITING.
PREREQUISITE: JOURN. 211: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS: OR CONSENT OF THE COLLEGE.
3 HOURS OR 1/2 UNIT.
*SECTION B1 IS FOR STUDENTS IN THE COLLEGE OF COMMUNICATIONS. ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.

04450	LECT-DISC	*B1	9	M W F	123	G H		SCHACHT
04451	LECT-DISC	*B2	9	M W F	123	G H		

JOURN 330 MAGAZINE EDITING.
PREREQUISITE: CREDIT OR REGISTRATION IN JOURN. 326.
3 HOURS OR 1/2 UNIT.

04452	LECT-DISC		2	M W F	43	G H		SCHACHT

JOURN 468 THE POLITICAL ECONOMY OF COMMUNICATIONS.
SAME AS COMM. 468.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

04453	LECT-DISC		10-12	TU	123	G H		GUBACK

JOURN 470 COMMUNICATIONS AND POPULAR CULTURE.
SAME AS COMM. 470.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

04454	LECT-DISC		3-5	TH	123	G H		KREILING

JOURN 472 PRO-SEMINAR IN COMMUNICATIONS. II.
SAME AS COMM. 472.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

04455	LECT-DISC		1-3	TH	123	G H		CAREY

JOURN 473 HISTORY AND THEORY OF FREEDOM OF THE PRESS.
SAME AS COMM. 473.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

04456	LECT-DISC		10-12	TH	123	G H		JENSEN

JOURN 474 COMMUNICATIONS SYSTEMS.
SAME AS COMM. 474.
PREREQUISITE: CONSENT OF THE COLLEGE OF COMMUNICATIONS.
1 UNIT.

04457	LECT-DISC		1-3	TU	123	G H		CAREY

JOURN 490 SPECIAL TOPICS IN JOURNALISM.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
1/2 OR 1 UNIT.
*SECTION A TOPIC: READINGS IN POPULAR CULTURE.
*SECTION B TOPIC: READINGS IN JOUNALISM/COMMUNICATIONS.
*SECTION C TOPIC: QUANTITATIVE METHODS IN COMMUNICATIONS.

04458	CONF		ARR					JENSEN & STAFF
04459	CONF	*A	730-930PM	TH	123	G H		CAREY
04460	CONF	*B	ARR					JENSEN
04461	CONF	*C	ARR					WIGGINS

JOURN 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN JOURNALISM.
1 TO 2 UNITS.
04462 CONF ARR JENSEN & ST.

KOREAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

KOREA 202 ELEMENTARY KOREAN. II.
PREREQUISITE: KOREAN 201.
5 HOURS.
OPEN TO FRESHMEN.
04463 LECT-DISC ARR

KOREA 304 INTERMEDIATE KOREAN. II.
PREREQUISITE: KOREAN 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
04464 LECT-DISC ARR

LABOR AND INDUSTRIAL RELATIONS

DEPARTMENT OFFICE 504 E ARMORY, C.

L I R 315 THE ECONOMICS OF POVERTY AND INCOME MAINTENANCE.
SAME AS ECON. 315.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

04465	LECT-DISC	C	10	M	W	F	130	COM W
04466	LECT-DISC	E	1	M	W	F	119	D K H

L I R 321 INDUSTRIAL SOCIAL SYSTEMS. I.
SAME AS B. ADM. 321.
PREREQUISITE: I. ADM. 210: PSYCH. 100: PSYCH. 201 OR
CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 TO 1 UNIT.

04467	LECT-DISC	B	9	M	W	F	166	COM W
04468	LECT-DISC	E	1	M	W	F	166	COM W

L I R 341 THE ECONOMICS OF LABOR MARKETS.
SAME AS ECON. 341.
PREREQUISITE: ECON. 103 OR 108.
3 HOURS. OR 1/2 OR 1 UNIT.

04469	LECT-DISC	N	10-1130	TU TH	222	D K H	

L I R 345 ECONOMICS OF MANPOWER.
SAME AS ECON. 345.
PREREQUISITE: ECON. 103 OR 108.
*GRADUATE CREDIT WILL NOT BE GIVEN FOR BOTH L. I. R. 345 AND
ECON/L. I. R. 444.
*3 HOURS. OR 1/2 OR 1 UNIT.

04470	LECT-DISC	F	2	M	W	F	40	COM W

L I R 347 LABOR LAW I.
SAME AS LAW 347.
3 HOURS OR 1 UNIT.

04471	LECT-DISC		9	THFS	D LAW		GOLDBERG

L I R 355 INDUSTRIAL SOCIAL PSYCHOLOGY.
SAME AS PSYCH. 355.
PREREQUISITE: PSYCH. 201 OR 357.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR LABOR AND INDUSTRIAL RELATION MAJORS ONLY. ALL
OTHER STUDENTS MUST ENROLL IN SECTION 1. PSYCHOLOGY MAJORS SEE
PSYCHOLOGY 355.

04473	LECT	*1	2	M	W	F	29	PSYCH BLD
04472	LECT	*2	2	M	W	F	29	PSYCH BLD

L I R 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
SAME AS PSYCH. 357.
PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR LABOR AND INDUSTRIAL RELATIONS MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1. PSYCHOLOGY MAJORS SEE PSYCHOLOGY 357.

04475	LECT	*1	10	M	W	F	13	PSYCH BLD	
04474	LECT	*2	10	M	W	F	13	PSYCH BLD	

L I R 418 SEMINAR IN INDUSTRIAL AND ECONOMIC SOCIOLOGY.
SAME AS SOC. 418.
PREREQUISITE: L. I. R. 318 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04476	LECT-DISC		10-12		F	43	L I R	KARSH

L I R 441 LABOR ECONOMICS.
SAME AS ECON. 441.
PREREQUISITE: ECON. 300 AND 301.
1 UNIT.

04477	LECT-DISC	F	1-3	TH	20	COM W	

L I R 442 COLLECTIVE BARGAINING.
SAME AS ECON. 442.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04478	LECT-DISC		1-3	W	43	L I R	

L I R 445 INVESTMENT IN HUMAN RESOURCES.
SAME AS VOTEC. 445.
PREREQUISITE: INTRODUCTORY COURSE IN ECONOMICS AND IN QUANTITATIVE METHODS.
1 UNIT.

04479	LECT-DISC		1-3	TU	43	L I R	FOLK

L I R 450 MANAGEMENT AND INDUSTRIAL RELATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04480	LECT-DISC		10-12	M	43	L I R	GERHART

L I R 455 LABOR IN LESS DEVELOPED COUNTRIES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04481	LECT-DISC		10-12	TH	43	L I R	SCOVILLE

L I R 490 INDIVIDUAL TOPICS.
0 TO 2 UNITS.

04482	CONF	A	ARR		STAFF
04483	CONF	B	ARR		STAFF
04434	CONF	C	ARR		STAFF

L I R 491 RESEARCH WORKSHOP.
PREREQUISITE: L. I. R. 492.
1 UNIT.

04485	LECT-DISC		10-12	W	43	L I R	

L I R 493 QUANTITATIVE METHODS IN LABOR AND INDUSTRIAL RELATIONS.
PREREQUISITE: ANY ELEMENTARY STATISTICS COURSE, SUCH AS ECON. 170.
1 UNIT.

04486	LECT-DISC	A	3-5	M	43	L I R	SCOVILLE
04487	LECT-DISC	B	3-5	TH	43	L I R	BEZDEK

L I R 495 APPLICATION OF THEORY TO CONTEMPORARY PROBLEMS IN LABOR AND INDUSTRIAL RELATIONS.
PREREQUISITE: L. I. R. 493, 494, OR CONSENT OF INSTRUCTOR.
1 UNIT.

04488	LECT-DISC		10-12	TU	43	L I R	FRANKE

L I R 496 THE EVOLUTION OF LABOR-MANAGEMENT RELATIONS IN AMERICA.
PREREQUISITE: GRADUATE STANDING IN LABOR AND INDUSTRIAL RELATIONS OR CONSENT OF INSTRUCTOR.
1 UNIT.

04489	LECT-DISC		3-5	W	43	L I R	GREEN

L I R 497 COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT.
SAME AS ED. AD. 497. SOC. W. 497. AND POL. S. 469.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04490	LECT-DISC	3-5	TU	43	L I R	DERBER

L I R 499 THESIS RESEARCH.
0 TO 4 UNITS.

04491	CONF	ARR				STAFF

LANDSCAPE ARCHITECTURE

DEPARTMENT OFFICE 205 M H

L A 102 SITE PLANNING.
2 HOURS.

04492	LECT	3	TU TH	125	D K H	HOLADAY

L A 122 LANDSCAPE SURVEYS
3 HOURS.

04493	LECT	8	TU TH	125	D K H	WALKER
	LAB	9-12	TU TH	214	M H	WALKER

L A 134 SITE DESIGN.
PREREQUISITE: L. A. 133 OR CONSENT OF INSTRUCTOR.
4 HOURS.

04494	LECT	8	M W F	125	D K H	HOLADAY
	LAB	9-12	M W F	214	M H	HOLADAY

L A 152 PLANT MATERIALS. II.
PREREQUISITE: BIOL. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04495	LECT	3	M W F	125	D K H	STAFF
	LAB	4	M W F	125	D K H	STAFF

L A 182 VISUAL COMMUNICATIONS. II.
PREREQUISITE: L. A. 181.
2 HOURS.

04496	LAB	A	3-5	M W F	30	BEV HALL	STAFF
04497	LAB	B	3-5	M W F	30	BEV HALL	STAFF

L A 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04498	CONF	ARR				STAFF

L A 236 URBAN LAND DESIGN.
PREREQUISITE: L. A. 235 OR CONSENT OF INSTRUCTOR.
4 HOURS.

04499	LAB-DISC	A	8-12	M W F	30	BEV HALL	ZOLOMIJ
04500	LAB-DISC	B	8-12	M W F	30	BEV HALL	RUTLEDGE

L A 244 LANDSCAPE CONSTRUCTION.
PREREQUISITE: L. A. 102 OR CONSENT OF INSTRUCTOR.
3 HOURS.

04501	LAB-DISC	A	8-12	TU TH	30	BEV HALL	ZOLOMIJ
04502	LAB-DISC	B	8-12	TU TH	30	BEV HALL	ZOLOMIJ

L A 246 PROFESSIONAL PRACTICE.
PREREQUISITE: SENIOR STANDING IN LANDSCAPE ARCHITECTURE OR CONSENT OF INSTRUCTOR.
3 HOURS.

04503	LECT	1	M W F	125	D K H	KEITH

L A 254 PLANTING DESIGN. II.
PREREQUISITE: L. A. 151 OR 152.
3 HOURS.

04504	LAB-DISC	A	1-5	TU TH	30	BEV HALL	WALKER
04505	LAB-DISC	B	1-5	TU TH	30	BEV HALL	WALKER

L A 338 THESIS DESIGN PROJECT.
PREREQUISITE: L. A. 337 OR CONSENT OF INSTRUCTOR.
5 HOURS. OR 1 TO 2 UNITS.

04506	LAB		8-12	M W F	214	M H	RUTLEDGE

L A 435 URBAN DESIGN.
PREREQUISITE: PASSAGE OF SPECIAL DESIGN EXAMINATION AND CREDIT OR REGISTRATION IN U. P. 384.
2 UNITS.

04507	LAB		8-12	MTUWTHF	110	MUM HOUSE	HARKNESS

L A 436 ADVANCED LANDSCAPE DESIGN.
PREREQUISITE: PASSAGE OF SPECIAL DESIGN EXAMINATION, OR CONSENT OF INSTRUCTOR.
1 UNIT.

04508	LAB		8-12	M W F	110	MUM HOUSE	HARKNESS

L A 457 LANDSCAPE MANAGEMENT.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04509	LAB-DISC		ARR		110	MUM HOUSE	WALKER

L A 487 SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.

04510	LECT-DISC		ARR				RILEY

L A 490 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

04511	CONF		ARR				STAFF

L A 499 THESIS RESEARCH.
0 TO 1 1/2 UNITS.

04512	CONF		ARR				STAFF

LATIN

DEPARTMENT OFFICE 361 L H

MAJOR: TWENTY HOURS, EXCLUDING LATIN 101, 102, AND 103, AND INCLUDING SIX HOURS IN TRANSLATION COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES. IN ADDITION, CLASSICAL CIVILIZATION 301-302 IS STRONGLY RECOMMENDED AS AN ELECTIVE. SEE ALSO THE SPECIALIZED CURRICULUM PREPARATORY TO THE TEACHING OF LATIN.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ENGLISH LITERATURE, FOREIGN LANGUAGE (GREEK BEING ESPECIALLY RECOMMENDED), HISTORY, LIBRARY SCIENCE, AND PHILOSOPHY.

LAT 101 ELEMENTARY LATIN, I.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR LAT. 101 WITHOUT LAT. 102.
*4 HOURS.

04513	LECT-DISC	X1	12	MTUWTH	432	ARMORY	DUNN
04514	LECT-DISC	X2	12	MTUWTH	240	ADMIN	MARUSAK

LAT 102 ELEMENTARY LATIN, II.
PREREQUISITE: LAT. 101 OR ONE YEAR OF HIGH SCHOOL LATIN.
4 HOURS.

04515	LECT-DISC	B	9	MTUWTH	G27	F L B	SCANLAN
04516	LECT-DISC	X1	12	MTUWTH	G18	F L B	BINGHAM
04517	LECT-DISC	X2	12	MTUWTH	G27	F L B	RAINER
04518	LECT-DISC	F	1	MTUWTH	G18	F L B	SYE

LAT 103 INTERMEDIATE LATIN.
PREREQUISITE: LAT. 102 OR TWO YEARS OF HIGH SCHOOL LATIN.
4 HOURS.

04519	LECT-DISC	X1	12	MTUWTH	1	G H		WIBLE
04520	LECT-DISC	X2	12	MTUWTH	162	L H		NORTHRUP
04521	LECT-DISC	E	1	MTUWTH	240	ADMIN		HUPP

LAT 104 INTRODUCTION TO LATIN LITERATURE.
4 HOURS.

04522	LECT-DISC	X1	12	MTUWTH	433	ARMORY		HUPP
04523	LECT-DISC	X2	12	MTUWTH	362	L H		B. WALLACH
04524	LECT-DISC	E2	1	MTUWTH	362	L H		S. SAENGER
04525	LECT-DISC	F	2	MTUWTH	1	G H		R. SAENGER

LAT 114 LATIN COMPOSITION. II.
REQUIRED OF THOSE RECEIVING THE RECOMMENDATION OF THE DEPARTMENT AS TEACHERS.
PREREQUISITE: LAT. 113.
2 HOURS.

04526	LECT-DISC	N	10	TU TH	G27	F L B		SCANLAN

LAT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04527	CONF		ARR					STAFF

LAT 202 SURVEY OF LATIN LITERATURE.
PREREQUISITE: LAT. 104 OR FOUR YEARS OF HIGH SCHOOL LATIN.
3 HOURS.

04528	LECT-DISC	C	10	M W F	G18	F L B		DUNN

LAT 204 VERGIL AND THE AUGUSTAN AGE.
PREREQUISITE: LAT. 201 AND 202, OR EQUIVALENT.
3 HOURS.

04529	LECT-DISC	C	10	M W F	1	G H		BRIGHT

LAT 291 SENIOR THESIS.
PREREQUISITE: SENIOR STANDING.
2 OR 4 HOURS.

04530	CONF		ARR					STAFF

LAT 293 SENIOR SURVEY.
2 OR 4 HOURS.

04531	CONF		ARR					STAFF

LAT 308 COMPARATIVE GRAMMAR OF GREEK AND LATIN.
SAME AS GRK. AND LING. 308.
PREREQUISITE: LAT. 202 OR EQUIVALENT, AND REGISTRATION OR CREDIT IN GRK. 202.
3 HOURS OR 1/2 UNIT.

04532	LECT-DISC	E	1	M W F	1018	F L B		TAYLOR

LAT 312 ADVANCED COMPOSITION.
PREREQUISITE: LAT. 311 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

04533	LECT-DISC	F	2	M W F	1018	F L B		NEWMAN

LAT 361 MEDIEVAL LATIN.
PREREQUISITE: TWO YEARS OF COLLEGE LATIN OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

04534	LECT-DISC	C	10	M W F	162	L H		WALLACH

LAT 382 LATIN LYRIC POETRY.
PREREQUISITE: LAT. 204 OR EQUIVALENT.
3 HOURS. OR 3/4 OR 1 UNIT.

04535	LECT-DISC	B	9	M W F	362	L H		BRIGHT

LAT 401 READINGS IN LATIN FOR GRADUATE STUDENTS.
PREREQUISITE: LATIN 400 OR TWO YEARS OF HIGH SCHOOL LATIN OR THE EQUIVALENT.
0 CREDIT.

04536	LECT-DISC	H	4-530	M W	1	G H		GENDLER

LAT 426 TACITUS. THE ANNALES.
1 UNIT.
04537 LECT-DISC G 3-5 M W 409 LIB OLIVER

LAT 441 LATIN PALAEOGRAPHY.
1 UNIT.
04538 LECT-DISC T 3-5 TU TH 409 LIB WALLACH

LAT 491 DIRECTED READING.
PREREQUISITE: SECOND YEAR GRADUATE STANDING.
*NO STUDENT MAY OFFER MORE THAN 1 UNIT OF CREDIT IN THIS COURSE TOWARD THE DEGREE OF PH. D.
*1/4 TO 1 UNIT.
04539 CONF ARR STAFF

LAT 496 BIBLIOGRAPHY AND CRITICISM, II.
SAME AS GRK. 496.
1/2 UNIT.
04540 LECT-DISC S 2 TU TH 409 LIB OLIVER

LAT 499 THESIS RESEARCH.
0 TO 4 UNITS.
04541 CONF ARR STAFF

LATIN AMERICAN STUDIES PROGRAM

DEPARTMENT OFFICE 253 1208 W. CALIFORNIA

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

STUDENTS WHO ELECT LATIN AMERICAN STUDIES AS A MINOR SHALL BE REQUIRED TO:

1. COMPLETE SIX SEMESTERS OR EQUIVALENT OF COLLEGE SPANISH OR PORTUGUESE. IF A STUDENT WISHES TO TAKE BOTH SPANISH AND PORTUGUESE HE MAY TAKE TWO YEARS OF EACH TO SATISFY THIS REQUIREMENT. IN THE CASE OF WELL-QUALIFIED STUDENTS THE LANGUAGE REQUIREMENT MAY BE MODIFIED.

2. COMPLETE AT LEAST TWENTY SEMESTER HOURS FROM THE COURSES LISTED BELOW, INCLUDING LATIN AMERICAN STUDIES 201, CHOSEN FROM AMONG FOUR DEPARTMENTS. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE LATIN AMERICAN STUDIES PROGRAM MAY NOT BE INCLUDED WITHIN THIS TWENTY HOURS.

ANTH	261, 332, 333, 349	MUSIC	336
	350, 352, 361, 380	POL S	342, 343
ART	318	PORT	201, 301, 303, 304
ECON	352	LA ST	195, 201
GEOG	331, 332	SOC	218, 373
HIST	275, 276, 377,	SPAN	222, 231, 242, 307
	378, 379		308, 310, 332

GRADUATE MINOR IN LATIN AMERICAN STUDIES

CANDIDATES FOR THE MASTERS DEGREE MUST ELECT A MINIMUM OF TWO UNITS FOR A MINOR IN THIS PROGRAM. DOCTORAL CANDIDATES WHO ELECT LATIN AMERICAN STUDIES AS A SOLE MINOR MUST EARN A MINIMUM OF FOUR UNITS OF CREDIT IN APPROVED COURSES. FOR A SPLIT MINOR, AT LEAST TWO UNITS OF CREDIT MUST BE EARNED. THE COURSES FOR ALL GRADUATE MINORS IN LATIN AMERICAN STUDIES MUST BE TAKEN IN AT LEAST TWO DEPARTMENTS. COURSES IN THE FOLLOWING LIST MAY BE INCLUDED IN THE GRADUATE MINOR:

AG EC	401
AGRON	429
ANTH	332, 333, 349, 350, 352, 361, 380, 490
ART	318, 491
BOT	300
ECON	352, 451, 490
GEOG	331, 332, 495
HIST	275, 276, 377, 378, 461
MUSIC	336
POL S	342, 343, 441, 442, 493
PORT	301, 303, 304, 405, 406, 407, 491
SOC	373, 490
SPAN	307, 308, 310, 332, 400, 401, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 452, 491

STUDENTS IN OTHER COLLEGES

STUDENTS IN TECHNICAL AND PROFESSIONAL COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO SEEK KNOWLEDGE OF LATIN AMERICAN AFFAIRS, CULTURE, AND LANGUAGES ARE INVITED TO CONSULT WITH MEMBERS OF THE TEACHING STAFF OF THE LATIN AMERICAN STUDIES PROGRAM, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH A PROGRAM MAY OFTEN BE ADOPTED AS A SPECIAL MINOR UNDER EXISTING REGULATIONS IF THE STUDENT SO DESIRES. IT IS RECOGNIZED THAT THE NUMBER OF ELECTIVE HOURS AVAILABLE FOR SUCH SPECIAL AREA STUDIES VARIES AMONG MANY OF THE EIGHT- AND TEN-SEMESTER PROGRAMS IN THE UNIVERSITY, BUT MOST STUDENTS WISHING TO INCREASE THEIR PROFICIENCY IN LATIN AMERICAN AFFAIRS CAN DO SO WITHOUT EXCESSIVE CROWDING OF SCHEDULES. THESE COURSES ARE OF PARTICULAR VALUE TO STUDENTS WHO INTEND TO CARRY ON TECHNICAL OR PROFESSIONAL WORK IN THE LATIN AMERICAN AREA FOR THE GOVERNMENT, PRIVATE BUSINESS, PUBLICATIONS, OR RELIGIOUS ORGANIZATIONS.

LA ST 195 FRESHMAN SEMINAR.
PREREQUISITE: FRESHMAN JAMES SCHOLAR OR OTHER DESIGNATION AS A SUPERIOR STUDENT.
3 HOURS.
TOPIC: HISTORY OF MASS POLITICS IN LATIN AMERICA.

04542	LECT-DISC	2-5	TU	270	L H

LA ST 201 CONFLICT IN LATIN AMERICA.
PREREQUISITE: A BASIC COURSE IN A SOCIAL SCIENCE DISCIPLINE.
3 HOURS.
TOPIC IS RACE RELATIONS IN LATIN AMERICA.

04543	LECT-DISC	3	M W F	302	L H

LAW

DEPARTMENT OFFICE 209 LAW

COURSES FOR FIRST-YEAR LAW STUDENTS

NOTE: STUDENTS ASSIGNED TO GROUP I SHOULD TAKE SEC. A OF LAW 302, 304, 308, 334, AND 335.
STUDENTS ASSIGNED TO GROUP II SHOULD TAKE SEC. B OF LAW 302, 304, 308, 334, AND 335.
STUDENTS ASSIGNED TO GROUP III SHOULD TAKE SEC. C OF LAW 302, 308, 334, 335 AND EITHER SECTION A OR B OF LAW 304.

LAW 302 CONTRACTS B.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

04544	LECT-DISC	A	10	THFS	A LAW	COSTONIS
04545	LECT-DISC	B	8	THFS	B LAW	HAY
04546	LECT-DISC	C	9	THFS	C LAW	BENFIELD

LAW 304 TORTS B.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

04547	LECT-DISC	A	10	MTUW	D LAW	KRAUSE
04548	LECT-DISC	B	11	THFS	D LAW	O'CONNELL

LAW 308 PROPERTY B.
*GRADUATE CREDIT FOR THIS COURSE ONLY WITH PERMISSION OF DEPARTMENT
FOR STUDENTS WHO ARE CANDIDATES FOR THE M. C. L. DEGREE.
*3 HOURS OR 1 UNIT.

04549	LECT-DISC	A	9	MTUW		A	LAW	CRIBBET
04550	LECT-DISC	B	10	MTUW		B	LAW	MORGAN
04551	LECT-DISC	C	11	MTUW		C	LAW	FINDLEY

LAW 316 MOOT COURT.
1 HOUR.

04552	LECT-DISC	A	2	TH	AUD		LAW	MORGAN AND
04553	LECT-DISC	B	2	TH		A	LAW	TEACHING
04554	LECT-DISC	C	2	TH		B	LAW	ASSISTANTS
04555	LECT-DISC	D	2	TH		C	LAW	
04556	LECT-DISC	F	2	F	AUD		LAW	
04557	LECT-DISC	F	2	F		A	LAW	
04558	LECT-DISC	G	2	F		B	LAW	

COURSES FOR ADVANCED LAW STUDENTS

LAW 318 APPELLATE ADVOCACY B.
1 HOUR.

04559	CONF	A	ARR					MORGAN AND TEACHING ASSISTANTS

LAW 322 COMMERCIAL LAW. 1.
4 HOURS OR 1 UNIT.

04560	LECT-DISC	A	1	THF		D	LAW	BENFIELD
04561	LECT-DISC	B	3	MTUW		D	LAW	HAWKLAND
		B	4	M		D	LAW	

LAW 323 ADMINISTRATIVE LAW.
3 HOURS OR 1 UNIT.

04562	LECT-DISC	A	9	THFS		A	LAW	COHN
04563	LECT-DISC	B	10	THFS		D	LAW	COHN

LAW 324 CORPORATIONS.
3 HOURS OR 1 UNIT.

04564	LECT-DISC	A	9	MTUW		D	LAW	BAUM
04565	LECT-DISC	B	2	MTUW		D	LAW	FRAMPTON

LAW 326 EVIDENCE.
3 HOURS OR 1 UNIT.

04566	LECT-DISC	A	10	MTUW		A	LAW	QUICK
04567	LECT-DISC	B	8	THFS		D	LAW	MARSHALL

LAW 334 CRIMINAL LAW ADMINISTRATION AND PROCEDURE.
2 HOURS OR 1/2 UNIT.
THIS COURSE IS FOR FIRST YEAR LAW STUDENTS.

04568	LECT-DISC	A	1	TUW		A	LAW	LAFAVE
04569	LECT-DISC	B	2	MTU		B	LAW	BOWMAN
04570	LECT-DISC	C	3	MTU		C	LAW	BOWMAN

LAW 335 TRIALS AND APPEALS.
3 HOURS OR 1 UNIT.
THIS COURSE IS FOR FIRST YEAR LAW STUDENTS.

04571	LECT-DISC	A	11	THFS		A	LAW	SEMMEL
04572	LECT-DISC	B	10	THFS		B	LAW	MARSHALL
04573	LECT-DISC	C	10	THFS		C	LAW	SEMMEL

LAW 340 LOCAL GOVERNMENT LAW.
3 HOURS OR 1 UNIT.

04574	LECT-DISC	A	8	THFS		C	LAW	COSTONIS

LAW 342 MORTGAGES.
3 HOURS OR 1 UNIT.

04575	LECT-DISC	A	9	MTUW		B	LAW	FINDLEY

LAW 346 FUTURE INTERESTS.
3 HOURS OR 1 UNIT.

04576	LECT-DISC	A	11	THFS	AUD		LAW	JONES

LAW 347 LABOR LAW. I.
SAME AS L.I.R. 347.
3 HOURS OR 1 UNIT.
04577 LECT-DISC A 9 THFS D LAW GOLDBERG

LAW 349 STATE AND LOCAL TAXATION.
2 HOURS OR 1/2 UNIT.
04578 LECT-DISC A 3 THF A LAW YOUNG

LAW 352 TAXATION OF GRATUITOUS TRANSFERS.
2 HOURS OR 1/2 UNIT.
04579 LECT-DISC A 1 THF A LAW YOUNG
04580 LECT-DISC B 2 THF D LAW JONES

LAW 353 CORPORATION FINANCE AND SECURITIES.
2 HOURS OR 1/2 UNIT.
CONTINUATION OF A FIRST SEMESTER COURSE.
04581 LECT-DISC A 10 THF E LAW MCCORD

LAW 355 TRADE REGULATION.
3 HOURS OR 1 UNIT.
04582 LECT-DISC A 2 MTUW A LAW BAUM

LAW 360 LEGAL DRAFTING AND LAW OFFICE PRACTICE.
2 HOURS.
04583 LECT-DISC A 8 M W 219 LAW MAMER

LAW 362 PRACTICE COURT.
*CREDIT CONTINGENT UPON COMPLETION OF SECOND SEMESTER WORK.
*1 HOUR.
CONTINUATION OF A FIRST SEMESTER COURSE.
04584 LECT-DISC A ARR MARSHALL

LAW 365 TAX PROBLEMS.
2 HOURS OR 1/2 UNIT.
04585 LECT-DISC A 2 THF E LAW MCCORD

LAW 371 SEMINAR IN SELECTED LEGAL PROBLEMS.
2 HOURS OR 1/2 UNIT.
04586 LECT-DISC A 4-6 TU 219 LAW
04587 LECT-DISC B 4-6 TH 219 LAW
04588 LECT-DISC C 4-6 TH E LAW
04589 LECT-DISC D 4-6 F 219 LAW

LAW 372 PROBLEMS IN ESTATE PLANNING.
2 HOURS OR 1/2 UNIT.
04590 LECT-DISC A 4-6 F E LAW MCCORD

LAW 382 COMPARATIVE LAW.
3 HOURS OR 1 UNIT.
04591 LECT-DISC A 1 TUW E LAW KRAUSE

LAW 383 LAW AND SOCIETY.
3 HOURS OR 1 UNIT.
04592 LECT-DISC A 3 MTUW E LAW REISNER

LAW 387 INTERNATIONAL ECONOMIC ORGANIZATIONS.
3 HOURS OR 1 UNIT.
04593 LECT-DISC A 11 THFS E LAW HAY

LAW 391 LEGAL PROBLEMS.
1 HOUR.
04594 CONF A ARR

LAW 392 LEGAL PROBLEMS.
1 HOUR.
04595 CONF A ARR

LAW 393 LEGAL PROBLEMS.
1 HOUR.

04596	CONF	A	ARR

LAW 394 LEGAL PROBLEMS.
1 HOUR.

04597	CONF	A	ARR

LAW 399 RESEARCH ON SPECIAL TOPICS.
1 TO 4 HOURS. CR 1/2 TO 1 UNIT.

04598	CONF	A	ARR
04599	CONF	B	ARR

LAW 499 THESIS RESEARCH.
0 TO 3 UNITS.

04600	CONF	A	ARR

LIBERAL ARTS

DEPARTMENT OFFICE 294 L H

L A S 141 THE PHYSICAL UNIVERSE.
4 HOURS.
STUDENTS WILL REGISTER IN LECTURE SECTION ONLY. DISCUSSION (1 HOUR) AND LAB-DISCUSSION (2 HOURS) TO BE ARRANGED.

04601	LECT	A	10	TU TH	141	COM W	ROSEN AND
04602	LECT	B	11	TU TH	114	D K H	STAFF
04603	LECT	C	2	TU TH	141	COM W	

L A S 143 ENVIRONMENTAL PHYSICAL SCIENCE.
SAME AS GEOL. 143.
4 HOURS.

04604	LECT	X	12	M W F	100	M M B	
04605	LECT	G	3	M W F	100	M M B	
04606	DISC	1	8	TU	1030	F L B	
04607	DISC	2	9	TU	1030	F L B	
04608	DISC	3	10	TU	1030	F L B	
04609	DISC	4	11	TU	1030	F L B	
04610	DISC	5	12	TU	1030	F L B	
04611	DISC	6	1	TU	1030	F L B	
04612	DISC	7	2	TU	1030	F L B	
04613	DISC	8	3	TU	1030	F L B	
04614	DISC	9	4	TU	1030	F L B	
04615	DISC	10	4	TU	1022	F L B	

L A S 198 FRESHMAN SEMINAR IN PHYSICAL SCIENCE.
PREREQUISITE: L. A. S. 197.
4 HOURS.

04616	CONF	E	1	M W F	1210	W CAL	ROSEN

L A S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04617	LECT	A	8PM	W	112	G H	STRONG,MORRIS

L A S 299 LAS STUDY ABROAD.
PREREQUISITE: PERMISSION OF THE STUDENT'S MAJOR DEPARTMENT AND THE COLLEGE OFFICE.
*FINAL DETERMINATION OF APPROPRIATE CREDIT WILL BE MADE UPON THE STUDENT'S COMPLETION OF THE WORK. THE COURSE MAY BE REPEATED TO A MAXIMUM OF 30 SEMESTER HOURS PER ACADEMIC YEAR OR TO A TOTAL OF 36 SEMESTER HOURS. ALL OF WHICH MUST BE EARNED WITHIN ONE CALENDAR YEAR.
0 TO 15 HOURS.

04618	CONF	A	ARR
04619	CONF	B	ARR

LIBRARY SCIENCE

DEPARTMENT OFFICE 331 LIB

LIB S 195 INTRODUCTION TO LIBRARY USE.
INTENDED FOR FRESHMEN AND SOPHOMORES: NOT TO BE COUNTED TOWARD THE UNDERGRADUATE MINOR IN LIBRARY SCIENCE. NOT FOR STUDENTS IN THE GRADUATE SCHOOL OF LIBRARY SCIENCE.
3 HOURS.

04620	LECT-DISC	1-230	TU TH	309	LIB	ROBINSON

LIB S 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

04621	LECT	11	TH	66	LIB	STAFF

LIB S 201 INTRODUCTION TO REFERENCE SERVICE.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.

04622	LECT-DISC	8	M W F	128	LIB	CROWLEY

LIB S 204 DEVELOPMENT AND OPERATION OF LIBRARIES.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.
*STUDENTS WILL BE REQUIRED TO MEET ALL AFTERNOON ON APPROXIMATELY FOUR TUESDAYS DURING THE SEMESTER.

04623	LECT	*9	W F	128	LIB	KRUMMEL
	LAB	*1-3	TU	128	LIB	MACHULA

LIB S 255 ORGANIZATION OF LIBRARY MATERIALS.
PREREQUISITE: JUNIOR STANDING (60 HOURS OF ACADEMIC WORK).
3 HOURS.

04624	LECT-DISC	A	9-11	TU TH	128	LIB	DOWELL
04625	LECT-DISC	B	3-5	TU TH	128	LIB	DOWELL

LIB S 258 SELECTION OF LIBRARY MATERIALS.
PREREQUISITE: 60 HOURS OF ACADEMIC WORK.
3 HOURS.

04626	LECT-DISC	A	1	M W F	128	LIB	STEVENS

LIB S 302 LITERATURE OF THE SCIENCES.
PREREQUISITE: SENIOR STANDING, AND LIB. S. 204 AND 258, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04627	LECT-DISC		9	M W F	429	LIB	BONN

LIB S 303 LIBRARY MATERIALS FOR CHILDREN.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION B LIMITED TO GRAD STUDENTS, OR BY CONSENT OF INSTRUCTOR.

04628	LECT-DISC	A	9	M W F	314	LIB	LOHRER
04631	LECT-DISC	*B	10	M W F	314	LIB	LADLEY
04629	LECT-DISC	C	630-930PM	M	128	LIB	SCHULTZ
04630	LECT-DISC	D	630-930PM	W	66	LIB	SCHULTZ

LIB S 304 LIBRARY MATERIALS FOR YOUNG ADULTS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.

04632	LECT-DISC		2	M W F	128	LIB	THOMASSEN

LIB S 308 AUDIO-VISUAL SERVICES IN LIBRARIES.
PREREQUISITE: JUNIOR STANDING.
3 HOURS OR 1 UNIT.

04633	LECT-DISC		4-530	M W	314	LIB	THOMASSEN

LIB S 309 STORYTELLING.
PREREQUISITE: LIB. S. 303 OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04634	LECT-DISC		3-5	TU	314	LIB	LADLEY
			3	F	314	LIB	

LIB S 310 TYPOGRAPHIC DISCIPLINES OF THE BOOK.
SAME AS ENGL. 392 AND JOURN. 310.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

04635	LECT-DISC		ARR				

LIB S 354 AUDIO-VISUAL COMMUNICATION.
SAME AS EL. ED. AND SE. ED. 354.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.

04636	LECT		4-6	TU	1	EDUC	
04637	LAB	A	4-6	W	1	EDUC	
04638	LAB	B	4-6	TH	1	EDUC	

LIB S 405 LIBRARY ADMINISTRATION.
PREREQUISITE: LIB. S. 204. OR CONSENT OF INSTRUCTOR.
1 UNIT.

04639	LECT		1	M W	314	LIB	SCHLIPF
04640	DISC	A	3	M	128	LIB	SCHLIPF
04641	DISC	B	11	TU	128	LIB	SCHLIPF
04642	DISC	C	3	W	128	LIB	SCHLIPF

LIB S 406 LIBRARY SERVICE TO CHILDREN AND YOUNG ADULTS.
PREREQUISITE: LIB.S. 204 OR 405.
A TWO-DAY FIELD TRIP IS REQUIRED: ESTIMATED EXPENSES $25.00.
1 UNIT.

04643	LECT-DISC		630-830PM	TU	314	LIB	LOHRER

LIB S 407 CATALOGING AND CLASSIFICATION. I.
PREREQUISITE: LIB. S. 255. OR CONSENT OF INSTRUCTOR.
1 UNIT.

04644	LECT-DISC		8	M W F	314	LIB	MULLENDORE

LIB S 408 CATALOGING AND CLASSIFICATION. II.
PREREQUISITE: LIB. S. 407.
1 UNIT.

04645	LECT-DISC		8-10	TH	314	LIB	MULLENDORE

LIB S 410 ADULT EDUCATION AND LIBRARIES.
1 UNIT.

04646	LECT-DISC		830-10	TU TH	429	LIB	SCHLIPF

LIB S 411 REFERENCE SERVICE IN THE HUMANITIES AND SOCIAL SCIENCES.
PREREQUISITE: LIB. S. 201. OR CONSENT OF INSTRUCTOR.
1 UNIT.

04647	LECT-DISC		11	M W F	314	LIB	STEVENS

LIB S 412 SCIENCE REFERENCE SERVICE.
PREREQUISITE: LIB. S. 201. OR CONSENT OF INSTRUCTOR.
1 UNIT.

04648	LECT-DISC		11	M W F	128	LIB	BONN

LIB S 415 LIBRARY MECHANIZATION AND AUTOMATION.
PREREQUISITE: EITHER (1) LIB. S. 201, 204, 255 AND 258, OR (2) CONSENT OF INSTRUCTOR.
1 UNIT.

04649	LECT-DISC	10-12	TU	314	LIB		DIVILBISS
		10	TH	314	LIB		

LIB S 424 GOVERNMENT PUBLICATIONS.
PREREQUISITE: LIB. S. 411 OR 412, OR CONSENT OF INSTRUCTOR.
1 UNIT.

04650	LECT-DISC	10	M W F	128	LIB		SCHLIPF

LIB S 428 LIBRARY BUILDINGS.
PREREQUISITE: LIB. S. 405 OR CONSENT OF INSTRUCTOR.
A TWO-DAY FIELD TRIP IS REQUIRED: ESTIMATED EXPENSES $25.00.
1 UNIT.

04651	LECT-DISC	1-3	TU	314	LIB		ALLEN

LIB S 429 INFORMATION STORAGE AND RETRIEVAL.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04652	LECT-DISC	2-4	W	314	LIB		LANCASTER

LIB S 430 ADVANCED REFERENCE.
PREREQUISITE: LIB. S. 424 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04653	LECT-DISC	2-4	M	314	LIB		ALLEN

LIB S 432 BOOKS AND LIBRARIES SINCE THE RENAISSANCE.
SAME AS COMM. 432.
1 UNIT.

04654	LECT-DISC	11-1230	W F	215	G H		KRUMMEL

LIB S 433 ADVANCED SUBJECT BIBLIOGRAPHY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 1 UNIT.
*1/2 UNIT.

04655	LECT-DISC	C	ARR				POWER
04656	LECT-DISC	G	ARR				PRICE
04657	LECT-DISC	K	ARR				MILLER

LIB S 434 LIBRARY SYSTEMS.
PREREQUISITE: LIB. S. 405 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04658	LECT-DISC	3-5	TU	309	LIB		CROWLEY

LIB S 438 ADMINISTRATION AND USE OF ARCHIVAL MATERIALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04659	LECT-DISC	3-5	TH	309	LIB		BRICHFORD

LIB S 440 PROBLEMS IN BIBLIOGRAPHICAL METHOD.
SAME AS ENGL. 450.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

04660	LECT-DISC H	4-6	TU	194	L H		

LIB S 442 SEMINAR IN LIBRARY MATERIALS FOR CHILDREN AND YOUNG ADULTS.
PREREQUISITE: LIB. S. 303 OR 304, AND ED. PSY. 211, OR CONSENT OF INSTRUCTOR.
1 UNIT.

04661	LECT-DISC	2-4	M W	309	LIB		LADLEY

LIB S 443 CONTEMPORARY BOOK PUBLISHING.
1 UNIT.

04662	LECT-DISC	1-3	F	314	LIB		ALLEN

COURSES FOR ADVANCED GRADUATES

LIB S 450 ADVANCED PROBLEMS IN LIBRARIANSHIP.
PREREQUISITE: A FIFTH-YEAR DEGREE IN LIBRARY SCIENCE, CONSENT OF DIRECTOR.
1/2 TO 2 UNITS.

04663	LECT-DISC	B	1-3	F	309	LIB		LANCASTER
04664	LECT-DISC	C	ARR					DIVILBISS
04665	LECT-DISC	E	ARR					GOLDHOR
04666	CONF	J	ARR					STAFF

LIB S 460 SPECIAL TOPICS IN LIBRARIANSHIP.
STUDENTS MAY ENROLL IN A MAXIMUM OF TWO SECTIONS, CONCURRENTLY OR CONSECUTIVELY. OPEN TO DOCTORAL STUDENTS ONLY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

04667	LAB-DISC	A	ARR					KRUMMEL
04668	LAB-DISC	B	ARR					STAFF
04669	LAB-DISC	E	ARR					KRUMMEL

LIB S 465 LIBRARIANSHIP AND SOCIETY.
PREREQUISITE: MASTER OF SCIENCE IN LIBRARY SCIENCE OR CONSENT OF INSTRUCTOR.
1 UNIT.

04670	LECT-DISC		10-12	M	4	G H		KRONUS

LIB S 499 THESIS RESEARCH.
*MS CANDIDATES: 0 TO 2 UNITS. DOCTORAL CANDIDATES: 0 TO 4 UNITS.
*0 TO 4 UNITS.

04671	CONF		ARR					STAFF

LINGUISTICS

DEPARTMENT OFFICE 309H D H

LING 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

04672	LECT-DISC		4	M W F	374	L H		STAFF

LING 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A CONCERNS SWAHILI.

04673	LECT-DISC	A	11	MTU THF	G27	F L B		KIM

LING 200 ELEMENTS OF LINGUISTICS.
PREREQUISITE: ONE YEAR, OR EQUIVALENT, OF A FOREIGN LANGUAGE.
3 HOURS.

04674	LECT-DISC		4	M W F	1110	F L B		STAFF

LING 225 ELEMENTS OF PSYCHOLINGUISTICS.
3 HOURS.

04675	LECT-DISC		1	M W F	143B	M E B		DICKERSON

LING 300 INTRODUCTION TO LINGUISTICS.
SAME AS ANTH. 300.
PREREQUISITE: FULFILLMENT OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.

04676	LECT-DISC	A	2	M W F	132	L H		MORGAN
04677	LECT-DISC	B	9	M W F	221	G H		KENSTOWICZ KISSEBERTH

LING 301 INTRODUCTION TO GENERAL PHONETICS.
3 HOURS OR 1/2 UNIT.

04678	LECT-DISC		10	M W F	G52	F L B		CHENG

LING 302 COMPARATIVE LINGUISTICS.
PREREQUISITE: FULFILLMENT OF FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES OR THE EQUIVALENT.
3 HOURS OR 1/2 UNIT.

04679	LECT-DISC	3	M W F	G52	F L B	STAFF

LING 303 NON-WESTERN LINGUISTIC STRUCTURES.
MAY BE REPEATED FOR CREDIT UPON CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION A CONCERNS SWAHILI. OPEN TO THOSE WHO HAVE AT LEAST ONE YEAR OF SWAHILI.
SECTION B CONCERNS JAPANESE.
*SECTION C CONCERNS CHINESE.

04680	LECT-DISC *A	10	M W F	1110	F L B	KIM
04681	LECT-DISC *B	ARR				MAKINO
04682	LECT-DISC *C	1-230	TU TH	1018	F L B	CHENG

LING 305 INTRODUCTION TO APPLIED LINGUISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

04683	LECT-DISC	9	M W F	374	L H	BOUTON

LING 310 TOPICS IN INDO-EUROPEAN LINGUISTICS.
PREREQUISITE: LING. 309 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04684	LECT-DISC	ARR				ZGUSTA

LING 320 INTRODUCTION TO AFRICAN LINGUISTICS.
PREREQUISITE: LING. 200 OR 300, AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04685	LECT-DISC	1	M W F	1110	F L B	STAHLKE

LING 340 HISTORY OF LINGUISTICS.
PREREQUISITE: LING. 300 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04686	LECT-DISC	4-530	TU TH	1110	F L B	ZGUSTA

LING 367 INTRODUCTION TO GERMANIC LINGUISTICS.
SAME AS GMC. 367.
PREREQUISITE: COMPLETION OF THE FOREIGN LANGUAGE REQUIREMENT IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR EQUIVALENT. SOME KNOWLEDGE OF GERMAN DESIRABLE.
2 HOURS OR 1/2 UNIT.

04687	LECT-DISC M	9	TU TH	336	L H

LING 370 LANGUAGE, CULTURE, AND SOCIETY.
SAME AS COMM. AND ANTH. 370.
PREREQUISITE: ANTH. 230, OR ONE COURSE IN COMMUNICATIONS OR LINGUISTICS, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

04688	LECT-DISC	1030-12	TU TH	253	M E B

LING 376 SPEECH SCIENCE, II.
SAME AS SPCH. 376.
PREREQUISITE: SPCH./LING. 375.
4 HOURS OR 1 UNIT.

04689	LECT-DISC	2	M W F	304	L H	
	LAB	ARR				

LING 387 THE STRUCTURE OF ENGLISH.
SAME AS ENGL. 387.
3 HOURS OR 3/4 UNIT.

04690	LECT-DISC	1	M W F	1030	F L B	GREEN

LING 389 LINGUISTICS IN LANGUAGE LEARNING, II.
SAME AS RHET. 389.
PREREQUISITE: RHET./LING. 388 AND CONSENT OF INSTRUCTOR.
4 HOURS OR 3/4 UNIT.

04691	LECT-DISC F	2	M W F	1022	F L B	ASTON

LING 401 SYNTAX.
PREREQUISITE: LING. 300 OR EQUIVALENT.
1 UNIT.

04692	LECT-DISC	11	M W F	G52	F L B	GREEN

LING 402 PHONOLOGY.
PREREQUISITE: LING. 301 OR CONSENT OF INSTRUCTOR.
1 UNIT.

04693	LECT-DISC		1	M W F	G52	F L B		KISSEBERTH

LING 403 SEMINAR IN LINGUISTIC ANALYSIS.
PREREQUISITE: LING. 401.
*MAY BE REPEATED FOR CREDIT WITH CONSENT OF INSTRUCTOR.
*1 UNIT.
SECTION A TOPIC: SEMANTICS.
SECTION B TOPIC: ACCENTOLOGY.
SECTION C TOPIC: SHALLOW STRUCTURE.

04694	LECT-DISC	A	2-330	TU TH	1110	F L B		GREEN
04695	LECT-DISC	B	3	M W F	1110	F L B		STAHLKE
04696	LECT-DISC	C	4	M W F	G52	F L B		MORGAN/STAHLKE

LING 404 PRACTICUM.
PREREQUISITE: LING. 401 AND 402.
1 UNIT.

04697	LECT-DISC		1-230	TU TH	G52	F L B		KISSEBERTH KENSTOWICZ

LING 407 ADVANCED TOPICS IN MATHEMATICAL LINGUISTICS.
PREREQUISITE: LING. 307 OR EQUIVALENT.
1 UNIT.

04698	LECT-DISC		10-1130	TU TH	G52	F L B		SKOUSEN

LING 419 CONTRASTIVE ANALYSIS.
SAME AS RHET. 419.
PREREQUISITE: LING. 300 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

04699	LECT-DISC		1-230	M W	374	L H		BOUTON

LING 421 SEMINAR IN PHONETIC THEORIES.
PREREQUISITE: LING. 301 OR EQUIVALENT.
1 UNIT.
*ONE LAB HOUR TO BE ARRANGED.

04700	LECT-DISC		*10	TU TH	1110	F L B		KIM

LING 424 DEVELOPMENTAL PSYCHOLINGUISTICS.
SAME AS COMM. AND PSYCH. 424.
PREREQUISITE: LING. 325 OR EQUIVALENT PREPARATION.
1 UNIT.

04701	LECT-DISC	A	ARR					BREWER

LING 481 TOPICS IN SYNTACTIC THEORY.
PREREQUISITE: LING. 317 OR 387 OR 401. AND CONSENT OF INSTRUCTOR.
1 UNIT.

04702	LECT-DISC		2-330	TU TH	374	L H		MORGAN

LING 490 SPECIAL TOPICS IN LINGUISTICS.
1/2 TO 2 UNITS.

04703	CONF	*A	ARR					MORGAN/STAHLKE KENSTOWICZ ZGUSTA
04704	CONF	*B	ARR					KISSEBERTH/KIM
04705	CONF	*C	ARR					CHENG/GREEN
04706	CONF	*D	ARR					KIM
04707	CONF	*F	ARR					STAFF

LING 499 THESIS RESEARCH.
0 TO 4 UNITS.

04708	CONF	*A	ARR					KIM
04709	CONF	*B	ARR					KISSEBERTH
04710	CONF	*C	ARR					KENSTOWICZ
		*						CHENG
04711	CONF	*D	ARR					MACLAY/ZGUSTA
04712	CONF	*F	ARR					STAFF

DEPARTMENT OFFICE 273 A H

MAJOR IN MATHEMATICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND TWELVE HOURS IN COURSES CHOSEN FROM MATHEMATICS 314, 317, 318, 327, 328, 332, 333, 342, 347, 348, 349, 353, 354, 361, 364, 366, 387, 392. FOR STUDENTS PREPARING FOR GRADUATE STUDY IN MATHEMATICS. THE FOLLOWING COURSES ARE RECOMMENDED: MATHEMATICS 317, 318, 332, 347, 348. STUDENTS IN SPECIAL CURRICULA AND THOSE WHO DO NOT INTEND TO PURSUE MATHEMATICS PROFESSIONALLY SHOULD CONSULT WITH THEIR ADVISORS.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ACCOUNTANCY, ASTRONOMY, CHEMISTRY, COMPUTER SCIENCE, ECONOMICS, FINANCE, PHILOSOPHY, PHYSICS, PSYCHOLOGY, STATISTICS (MATHEMATICS 161, 361, 362, 363, 364, 375), SURVEYING, THEORETICAL AND APPLIED MECHANICS. DEPARTMENTAL HONORS: ENTERING STUDENTS WITH SUPERIOR MATHEMATICAL ABILITY SHOULD APPLY TO THE DEPARTMENT OF MATHEMATICS, 273 ALTGELD HALL. FOR INFORMATION REGARDING THE HONORS COURSE, MATHEMATICS 149. INFORMATION REGARDING REQUIREMENTS FOR GRADUATION WITH DISTINCTION IN MATHEMATICS IS AVAILABLE FROM THE ADVISING OFFICE, 269 ALTGELD HALL.

NOTE: AN ENTERING STUDENT WITH AN ADEQUATE PREPARATION IN HIGH SCHOOL MATHEMATICS SHOULD ENROLL IN MATH. 120 DURING THE FIRST SEMESTER, AND IN MATH. 130 OR 131 DURING THE SECOND SEMESTER OF HIS FRESHMAN YEAR. ADMISSION TO MATH. 120 NORMALLY REQUIRES A PASSING GRADE ON THE MATHEMATICS PLACEMENT TEST. A STUDENT INELIGIBLE FOR MATH. 120 SHOULD ENROLL IN ALGEBRA (MATH. 111 OR 112) AND TRIGONOMETRY (MATH. 114) DURING HIS FIRST SEMESTER.

STUDENTS IN SPECIAL CURRICULA AND THOSE WHO INTEND TO TERMINATE THEIR STUDY OF MATHEMATICS WITH THE BACHELOR'S DEGREE SHOULD CONSULT THEIR ADVISERS REGARDING OTHER SELECTIONS FROM THE ABOVE LIST OF REQUIRED COURSES THAT WOULD RELATE TO THEIR SPECIAL INTERESTS.

MAJOR IN STATISTICS

MAJOR: TWENTY-FOUR HOURS OF MATHEMATICS COURSES, INCLUDING EIGHTEEN HOURS OF MATHEMATICS COURSES WITH NUMBERS GREATER THAN 290 AND THE FOLLOWING SPECIFIC COURSES: 315 OR 318, 347, 363, 364.

MINORS: TWENTY HOURS IN ONE SUBJECT APPROVED BY THE DEPARTMENT OF MATHEMATICS. OF THESE TWENTY HOURS NOT MORE THAN NINE MAY BE IN STATISTICAL METHODS, AND MATH. 161 MAY BE TAKEN AS THREE OF THESE HOURS. THE COURSES NOT EMPHASIZING STATISTICAL METHODS SHOULD BE CHOSEN SO THAT COURSES ON THE 400 LEVEL CAN BE TAKEN IF THE STUDENT ENTERS THE GRADUATE COLLEGE.

MAJOR IN ACTUARIAL SCIENCE

MAJOR: ONE YEAR OF CALCULUS AND AT LEAST FIVE COURSES CHOSEN FROM THE FOLLOWING: COMPUTER SCIENCE 101, MATHEMATICS 311, 312, 362, 363, 371, 372.

MINORS: TWENTY HOURS CHOSEN FROM THE FOLLOWING: FINANCE 258, 259, 260, 262, 270, 360, 363, 370.

NOTE: STUDENTS ARE URGED TO ELECT ACCY. 201 AND B. ADM. 261 IN THEIR JUNIOR YEAR.

MAJOR IN MATHEMATICS AND COMPUTER SCIENCE

NOTE: THIS MAJOR IS OFFERED BY THE DEPARTMENT OF MATHEMATICS UNDER THE CURRICULUM IN SCIENCES AND LETTERS FOR STUDENTS OF MATHEMATICS WHO HAVE A SPECIAL INTEREST IN THE USE OF COMPUTERS.

MAJOR: MATH. 120, 130, 140, (OR 131, 141), 341, 342, 317, 318, 347, 348 (OR 361).

FIRST MINOR: C. S. 101, 201, 387, AND ONE OF 294, 301, OR 311.

SECOND MINOR: AT LEAST EIGHT HOURS IN A SUBJECT APPROVED BY THE DEPARTMENT.

NOTE: IT IS RECOMMENDED THAT THE ABOVE COURSES BE TAKEN IN THE FOLLOWING SEQUENCE:
FRESHMEN YEAR: FIRST SEMESTER, MATH. 120; SECOND SEMESTER, MATH. 130 (OR MATH. 131).
SOPHOMORE YEAR: FIRST SEMESTER, MATH. 140 (OR MATH. 141); SECOND SEMESTER, C. S. 101, MATH. 341.
JUNIOR YEAR: FIRST SEMESTER, MATH. 317, 342; SECOND SEMESTER, C. S. 201 OR 301, MATH. 318.
SENIOR YEAR: FIRST SEMESTER, MATH. 347, ONE OF C. S. 294, 201, 301, 311; SECOND SEMESTER, C. S. 387, MATH. 348 OR 361.

MATH 101 BASIC MATHEMATICS.
4 HOURS.

04713	LECT-DISC	B1	9	MTUWTHF	141	A H
04714	LECT-DISC	X1	12	MTUWTHF	130	A H
04715	LECT-DISC	X2	12	MTUWTHF	343	A H
04716	LECT-DISC	F1	2	MTUWTHF	141	A H

MATH 104 ELEMENTS OF ALGEBRA AND TRIGONOMETRY.
PREREQUISITE: HIGH SCHOOL ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.
3 HOURS.

04717	LECT-DISC	A1	8	M W F	102	A H

MATH 111 ALGEBRA.
PREREQUISITE: ENTRANCE ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT.
STUDENTS HAVING 1-1/2 OR MORE UNITS OF HIGH SCHOOL ALGEBRA MAY NOT TAKE THIS COURSE UNLESS THEY HAVE THE APPROVAL OF THEIR COLLEGE OFFICE.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.
*5 HOURS.

04718	LECT-DISC	A1	8	MTUWTHF	154	ADMIN
04719	LECT-DISC	B1	9	MTUWTHF	159	D H
04720	LECT-DISC	B2	9	MTUWTHF	184	L H
04721	LECT-DISC	C1	10	MTUWTHF	159	D H
04722	LECT-DISC	C2	10	MTUWTHF	110	L H
04723	LECT-DISC	D1	11	MTUWTHF	159	D H
04724	LECT-DISC	X1	12	MTUWTHF	441	A H
04725	LECT-DISC	F1	1	MTUWTHF	159	D H
04726	LECT-DISC	F1	2	MTUWTHF	145	A H
04727	LECT-DISC	G1	3	MTUWTHF	441	A H

MATH 112 COLLEGE ALGEBRA.
PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, PLANE GEOMETRY, 1 UNIT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 111 AND 112.
*3 HOURS.

04728	LECT-DISC	A1	8	M W F	347	A H
04729	LECT-DISC	B1	9	M W F	313	D H
04730	LECT-DISC	D1	11	M W F	313	D H
04731	LECT-DISC	X1	12	M W F	245	A H
04732	LECT-DISC	F1	2	M W F	445	A H
04733	LECT-DISC	G1	3	M W F	347	A H
04734	LECT-DISC	H1	4	M W F	145	A H

MATH 114 PLANE TRIGONOMETRY.
PREREQUISITE: ENTRANCE ALGEBRA, 1-1/2 UNITS, OR REGISTRATION IN MATH. 111, PLANE GEOMETRY, 1 UNIT.
2 HOURS.

04735	LECT-DISC	L1	8	TU TH	102	A H
04736	LECT-DISC	L2	8	TU TH	108	A H
04737	LECT-DISC	M1	9	TU TH	102	A H
04738	LECT-DISC	M2	9	TU TH	108	A H
04739	LECT-DISC	N1	10	TU TH	102	A H
04740	LECT-DISC	N2	10	TU TH	108	A H
04741	LECT-DISC	N3	10	TU TH	141	A H
04742	LECT-DISC	P1	11	TU TH	102	A H
04743	LECT-DISC	P2	11	TU TH	108	A H
04744	LECT-DISC	P3	11	TU TH	141	A H
04745	LECT-DISC	R1	1	TU TH	102	A H
04746	LECT-DISC	R2	1	TU TH	108	A H
04747	LECT-DISC	S1	2	TU TH	102	A H
04748	LECT-DISC	T1	3	TU TH	102	A H
04749	LECT-DISC	U1	4	TU TH	108	A H

MATH 118 INTRODUCTION TO MATHEMATICS, I.
PREREQUISITE: ALGEBRA, 1 UNIT, PLANE GEOMETRY, 1 UNIT, OR EQUIVALENT.
*MATHEMATICS 118 INVOLVES DUPLICATION OF CREDIT WITH MATH. 104, 111, 112, AND 114.
*4 HOURS.

04750	LECT-DISC	A1	8	MTUWTH	130	A H
04751	LECT-DISC	E1	1	MTUWTH	204	H H
04752	LECT-DISC	G1	3	MTUWTH	321	A H

MATH 119 INTRODUCTION TO MATHEMATICS, II.
PREREQUISITE: MATH. 118.
4 HOURS.

04753	LECT-DISC	A1	8	MTUWTH	155	A H
04754	LECT-DISC	E1	1	MTUWTH	154	ADMIN
04755	LECT-DISC	F1	2	MTUWTH	217	G H
04756	LECT-DISC	G1	3	MTUWTH	238	ADMIN

MATH 120 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 111 OR 112, AND MATH. 114, OR ADEQUATE PLACEMENT TEST SCORE.
5 HOURS.

04757	LECT-DISC	A1	8	MTUWTHF	145	A H
04758	LECT-DISC	A2	8	MTUWTHF	156	ADMIN
04759	LECT-DISC	B1	9	MTUWTHF	165	A H
04760	LECT-DISC	B2	9	MTUWTHF	3	G H
04761	LECT-DISC	B3	9	MTUWTHF	168	E E B
04762	LECT-DISC	C1	10	MTUWTHF	321	A H
04763	LECT-DISC	C2	10	MTUWTHF	163	E E B
04764	LECT-DISC	C3	10	MTUWTHF	3	G H
04765	LECT-DISC	D1	11	MTUWTHF	155	A H
04766	LECT-DISC	D2	11	MTUWTHF	110	L H
04767	LECT-DISC	D3	11	MTUWTHF	56	M E B
04768	LECT-DISC	X1	12	MTUWTHF	141	A H
04769	LECT-DISC	X2	12	MTUWTHF	443	A H
04770	LECT-DISC	F1	1	MTUWTHF	441	A H
04771	LECT-DISC	F2	1	MTUWTHF	159	A H
04772	LECT-DISC	F3	1	MTUWTHF	152	ADMIN
04773	LECT-DISC	F1	2	MTUWTHF	321	A H
04774	LECT-DISC	F2	2	MTUWTHF	43	E E B
04775	LECT-DISC	G1	3	MTUWTHF	443	A H
04776	LECT-DISC	H1	4	MTUWTHF	102	A H

MATH 124 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS, I.
PREREQUISITE: MATH. 111 OR 112.
3 HOURS.

04777	LECT-DISC	A1	8	M W F	106	D K H
04778	LECT-DISC	A2	8	M W F	110	L H
04779	LECT-DISC	B1	9	M W F	106	D K H
04780	LECT-DISC	B2	9	M W F	113	D K H
04781	LECT-DISC	B3	9	M W F	217	G H
04782	LECT-DISC	C1	10	M W F	106	D K H
04783	LECT-DISC	C2	10	M W F	184	L H
04784	LECT-DISC	C3	10	M W F	217	G H
04785	LECT-DISC	D1	11	M W F	106	D K H
04786	LECT-DISC	D2	11	M W F	3	G H

MATH 124 CONTINUED

04787	LECT-DISC	X1	12	M	W	F	247	A H
04788	LECT-DISC	E1	1	M	W	F	106	D K H
04789	LECT-DISC	E2	1	M	W	F	3	G H
04790	LECT-DISC	F1	2	M	W	F	106	D K H
04791	LECT-DISC	F2	2	M	W	F	3	G H
04792	LECT-DISC	G1	3	M	W	F	152	ADMIN
04793	LECT-DISC	G2	3	M	W	F	154	ADMIN
04794	LECT-DISC	H1	4	M	W	F	341	A H

MATH 130 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
5 HOURS.
*SECTION &B1 IS AN HONORS SECTION AND REQUIRES CONCURRENT REGISTRATION IN MATH. 149. SECTION &P.

04795	LECT-DISC	A1	B	MTUWTHF	147	A H
04796	LECT-DISC	A2	B	MTUWTHF	441	A H
04797	LECT-DISC	A3	8	MTUWTHF	149	ADMIN
04798	LECT-DISC	A4	8	MTUWTHF	159	A H
04822	LECT-DISC	*&B1	9	MTUWTHF	169	A H
04799	LECT-DISC	B2	9	MTUWTHF	204	H H
04800	LECT-DISC	B3	9	MTUWTHF	56	M E B
04801	LECT-DISC	B4	9	MTUWTHF	60	M E B
04802	LECT-DISC	C1	10	MTUWTHF	169	A H
04803	LECT-DISC	C2	10	MTUWTHF	56	M E B
04804	LECT-DISC	C3	10	MTUWTHF	168	E E B
04805	LECT-DISC	C4	10	MTUWTHF	219	G H
04806	LECT-DISC	D1	11	MTUWTHF	159	A H
04807	LECT-DISC	D2	11	MTUWTHF	168	E E B
04808	LECT-DISC	D3	11	MTUWTHF	184	L H
04809	LECT-DISC	D4	11	MTUWTHF	204	H H
04810	LECT-DISC	X1	12	MTUWTHF	102	A H
04811	LECT-DISC	X2	12	MTUWTHF	445	A H
04812	LECT-DISC	X3	12	MTUWTHF	145	A H
04813	LECT-DISC	E1	1	MTUWTHF	443	A H
04814	LECT-DISC	E2	1	MTUWTHF	165	A H
04815	LECT-DISC	E3	1	MTUWTHF	217	G H
04816	LECT-DISC	E4	1	MTUWTHF	43	E E B
04817	LECT-DISC	F1	2	MTUWTHF	147	A H
04818	LECT-DISC	F2	2	MTUWTHF	152	ADMIN
04819	LECT-DISC	G1	3	MTUWTHF	155	A H
04820	LECT-DISC	G2	3	MTUWTHF	159	A H
04821	LECT-DISC	H1	4	MTUWTHF	141	A H

MATH 131 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 120.
3 HOURS.
*SECTION &D1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 149. SECTION &Q.

04823	LECT-DISC	A1	B	M	W	F	108	A H
04824	LECT-DISC	A2	8	M	W	F	110	A H
04825	LECT-DISC	A3	B	M	W	F	341	A H
04826	LECT-DISC	A4	B	M	W	F	152	ADMIN
04827	LECT-DISC	B1	9	M	W	F	110	L H
04828	LECT-DISC	B2	9	M	W	F	445	A H
04829	LECT-DISC	B3	9	M	W	F	245	E E E
04830	LECT-DISC	C1	10	M	W	F	173	A H
04831	LECT-DISC	C2	10	M	W	F	60	M E B
04832	LECT-DISC	C3	10	M	W	F	204	H H
04847	LECT-DISC	*&D1	11	M	W	F	165	A H
04833	LECT-DISC	D2	11	M	W	F	217	G H
04834	LECT-DISC	D3	11	M	W	F	245	E E B
04835	LECT-DISC	D4	11	M	W	F	60	M E B
04836	LECT-DISC	X1	12	M	W	F	257	A H
04837	LECT-DISC	X2	12	M	W	F	341	A H
04838	LECT-DISC	E1	1	M	W	F	445	A H
04839	LECT-DISC	E2	1	M	W	F	219	G H
04840	LECT-DISC	E3	1	M	W	F	163	E E B
04841	LECT-DISC	F1	2	M	W	F	447	A H
04842	LECT-DISC	F2	2	M	W	F	154	ADMIN
04843	LECT-DISC	G1	3	M	W	F	165	A H
04844	LECT-DISC	G2	3	M	W	F	445	A H
04845	LECT-DISC	H1	4	M	W	F	343	A H
04846	LECT-DISC	H2	4	M	W	F	147	A H

MATH 134 INTRODUCTORY ANALYSIS FOR SOCIAL SCIENTISTS. II.
PREREQUISITE: MATH. 124.
4 HOURS.

04848	LECT-DISC	A1	8	MTUWTH	205	G H
04849	LECT-DISC	A2	8	MTUWTH	238	ADMIN
04850	LECT-DISC	A3	8	MTUWTH	447	A H
04851	LECT-DISC	B1	9	MTUWTH	205	G H
04852	LECT-DISC	B2	9	MTUWTH	219	G H
04853	LECT-DISC	B3	9	MTUWTH	325	D K H
04854	LECT-DISC	C1	10	MTUWTH	205	G H
04855	LECT-DISC	C2	10	MTUWTH	113	D K H
04856	LECT-DISC	D1	11	MTUWTH	205	G H
04857	LECT-DISC	D2	11	MTUWTH	219	G H
04858	LECT-DISC	X1	12	MTUWTH	447	A H
04859	LECT-DISC	X2	12	MTUWTH	108	A H
04860	LECT-DISC	X3	12	MTUWTH	147	A H
04861	LECT-DISC	E1	1	MTUWTH	205	G H
04862	LECT-DISC	E2	1	MTUWTH	305	G H
04863	LECT-DISC	F1	2	MTUWTH	205	G H
04864	LECT-DISC	F2	2	MTUWTH	305	G H
04865	LECT-DISC	G1	3	MTUWTH	110	L H
04866	LECT-DISC	G2	3	MTUWTH	184	L H
04867	LECT-DISC	H1	4	MTUWTH	443	A H

MATH 135 CALCULUS.
PREREQUISITE: STUDENTS MUST HAVE COMPLETED A THOROUGH COLLEGE LEVEL COURSE IN PLANE AND SOLID ANALYTIC GEOMETRY. OR THE EQUIVALENT.
5 HOURS.

04868	LECT-DISC	A1	8	MTUWTHF	165	A H
04869	LECT-DISC	X1	12	MTUWTHF	345	A H

MATH 140 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 130.
3 HOURS.

04870	LECT-DISC	A1	8	M W F	343	A H
04871	LECT-DISC	B1	9	M W F	156	ADMIN
04872	LECT-DISC	C1	10	M W F	256	M E B
04873	LECT-DISC	D1	11	M W F	173	A H
04874	LECT-DISC	X1	12	M W F	347	A H
04875	LECT-DISC	E1	1	M W F	447	A H
04876	LECT-DISC	F1	2	M W F	163	E E B
04877	LECT-DISC	G1	3	M W F	447	A H

MATH 141 CALCULUS AND ANALYTIC GEOMETRY.
PREREQUISITE: MATH. 131.
5 HOURS.

04878	LECT-DISC	A1	8	MTUWTHF	169	A H
04879	LECT-DISC	B1	9	MTUWTHF	152	ADMIN
04880	LECT-DISC	C1	10	MTUWTHF	305	G H
04881	LECT-DISC	X1	12	MTUWTHF	165	A H
04882	LECT-DISC	E1	1	MTUWTHF	168	E E B
04883	LECT-DISC	F1	2	MTUWTHF	159	A H
04884	LECT-DISC	G1	3	MTUWTHF	169	A H

MATH 145 CALCULUS.
PREREQUISITE: MATH. 135.
5 HOURS.
*SECTIONS &A1. &D1. AND &E1 ARE HONORS SECTIONS AND REQUIRE CONCURRENT REGISTRATION IN MATH. 149 SECTION &R.

04901	LECT-DISC	*&A1	8	MTUWTHF	173	A H
04885	LECT-DISC	A2	8	MTUWTHF	443	A H
04886	LECT-DISC	A3	8	MTUWTHF	445	A H
04887	LECT-DISC	B1	9	MTUWTHF	173	A H
04888	LECT-DISC	B2	9	MTUWTHF	447	A H
04889	LECT-DISC	C1	10	MTUWTHF	238	ADMIN
04890	LECT-DISC	C2	10	MTUWTHF	153A	M E B
04902	LECT-DISC	*&D1	11	MTUWTHF	169	A H
04891	LECT-DISC	D2	11	MTUWTHF	154	ADMIN
04892	LECT-DISC	D3	11	MTUWTHF	305	G H
04893	LECT-DISC	X1	12	MTUWTHF	155	A H
04894	LECT-DISC	X2	12	MTUWTHF	159	A H
04903	LECT-DISC	*&E1	1	MTUWTHF	169	A H
04895	LECT-DISC	F2	1	MTUWTHF	56	M E B
04896	LECT-DISC	F1	2	MTUWTHF	238	ADMIN
04897	LECT-DISC	F2	2	MTUWTHF	184	L H
04898	LECT-DISC	G1	3	MTUWTHF	173	A H
04899	LECT-DISC	G2	3	MTUWTHF	156	ADMIN
04900	LECT-DISC	H1	4	MTUWTHF	441	A H

MATH 149 HONORS COURSE IN MATHEMATICS.
PREREQUISITE: REGISTRATION IN AN HONORS SECTION OF MATH. 120, 130, 131, 140, OR 141; CONSENT OF THE DEPARTMENT.
1 HOUR.
*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 130 &B1.
*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 131 &D1.
*SECTION &R REQUIRES CONCURRENT REGISTRATION IN MATH. 145 &A1, &D1, OR &E1.

04904	LECT-DISC	*&P		ARR					
04905	LECT-DISC	*&Q		ARR					
04906	LECT-DISC	*&R		ARR					

MATH 161 STATISTICS.
PREREQUISITE: MATH. 111 OR 112. SOPHOMORE STANDING.
*CREDIT IS NOT GIVEN FOR MATH. 161 IN ADDITION TO ECON. 171 OR PSYCH. 135.
*3 HOURS.
STUDENTS WHO HAVE COMPLETED A YEAR OF CALCULUS SHOULD ENROLL IN MATH 363 INSTEAD OF MATH 161.

04907	LECT-DISC	B1	9	M	W	F	154	ADMIN	JOGDEO
04908	LECT-DISC	F1	2	M	W	F	165	A H	

MATH 198 FRESHMAN SEMINAR.
PREREQUISITE: ENROLLMENT IN THE MATHEMATICS HONORS PROGRAM AND CONSENT OF DEPARTMENT.
3 HOURS.

04909	LECT-DISC	C1	10	M	W	F	205	H H	

MATH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION W, X, Y, AND Z - 1 HOUR CREDIT.
SECTIONS W AND X: COMPUTER LAB FOR CALCULUS STUDENTS. ENROLLMENT LIMITED TO STUDENTS CONCURRENTLY ENROLLED IN MATH. 120 OR MATH. 135
SECTIONS Y AND Z: COMPUTER LAB FOR CALCULUS STUDENTS. ENROLLMENT LIMITED TO STUDENTS WHO COMPLETED MATH. 199 DURING FIRST SEMESTER.

04910	LECT-DISC	*R		ARR					
04911	LECT-DISC	W	10-12	TU			110	A H	
04912	LECT-DISC	X	3-5		TH		110	A H	
04913	LECT-DISC	Y	10-12		TH		110	A H	
04914	LECT-DISC	Z	3-5	TU			110	A H	

MATH 202 MATHEMATICS FOR ELEMENTARY TEACHERS, I.
PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION.
*NO CREDIT FOR L. A. AND S. STUDENTS.
*5 HOURS.

04915	LECT-DISC	E1	1	MTUWTHF			110	L H	
04916	LECT-DISC	F1	2	MTUWTHF			110	L H	C. PHILLIPS

MATH 203 MATHEMATICS FOR ELEMENTARY TEACHERS, II.
PREREQUISITE: MATH. 202 OR CONSENT OF INSTRUCTOR.
*NO CREDIT FOR L. A. AND S. STUDENTS.
*3 HOURS.

04917	LECT-DISC	E1	1	M	W	F	184	L H	C. PHILLIPS
04918	LECT-DISC	F2	1	M	W	F	156	ADMIN	
04919	LECT-DISC	F1	2	M	W	F	156	ADMIN	
04920	LECT-DISC	H1	4	M	W	F	245	A H	

MATH 249 HONORS COURSE IN MATHEMATICS.
PREREQUISITE: CONCURRENT REGISTRATION IN DESIGNATED HONORS SECTIONS OF CERTAIN ADVANCED UNDERGRADUATE MATHEMATICS COURSES.
1 HOUR.
*SECTION &P REQUIRES CONCURRENT REGISTRATION IN MATH. 347 &D1.
*SECTION &Q REQUIRES CONCURRENT REGISTRATION IN MATH. 349 &E1.

04921	LECT-DISC	*&P		ARR					
04922	LECT-DISC	*&Q		ARR					

MATH 263 STATISTICS IN ENGINEERING AND THE PHYSICAL SCIENCES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS.

04923	LECT-DISC	B1	9	M	W	F	43	E E B	
04924	LECT-DISC	C1	10	M	W	F	43	E E B	
04925	LECT-DISC	F1	1	M	W	F	321	A H	

MATH 287 INTRODUCTION TO NUMERICAL ANALYSIS.
SAME AS C. S. 287.
PREREQUISITE: C. S. 101 OR 121, ONE YEAR OF CALCULUS, CONSENT OF INSTRUCTOR.
3 HOURS.

04926	LECT-DISC	F1	1	M W F	100	M M B		J. R. PHILLIP

MATH 292 THESIS AND READING COURSE.
PREREQUISITE: MATH. 347 WITH GRADE OF B OR BETTER, OR CONSENT OF MATHEMATICS HONORS COMMITTEE.
2 HOURS.

04927	CONF		ARR					

MATH 299 INTERMEDIATE SEMINAR.
PREREQUISITE: ENROLLMENT IN MATHEMATICS HONORS PROGRAM AND CONSENT OF THE DEPARTMENT.
3 HOURS.

04928	LECT-DISC	C1	10	M W F	130	A H		

MATH 300 THE THEORY OF SETS AND THE REAL NUMBER SYSTEM.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04929	LECT-DISC	G1	3	M W F	108	A H		

MATH 302 TOPICS IN GEOMETRY.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04930	LECT-DISC	A1	8	M W F	241	A H		
04931	LECT-DISC	C1	10	M W F	141	A H		
04932	LECT-DISC	C2	10	M W F	343	A H		

MATH 303 ADVANCED ASPECTS OF EUCLIDEAN GEOMETRY.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04933	LECT-DISC	B1	9	M W F	110	A H		
04934	LECT-DISC	D1	11	M W F	341	A H		

MATH 305 TEACHERS COURSE.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04935	LECT-DISC	D1	11	MTUWTHF	143	ADMIN		

MATH 306 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, I.
PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04936	LECT-DISC	B1	9	M W F	240	ADMIN		
04937	LECT-DISC	D1	11	M W F	343	A H		

MATH 307 SELECTED MATHEMATICAL TOPICS FOR SECONDARY SCHOOL TEACHERS, II.
PREREQUISITE: ONE YEAR OF SECONDARY SCHOOL TEACHING IN MATHEMATICS OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

04938	LECT-DISC	K1	730-9PM	TU TH	247	A H		

MATH 310 THEORY OF INTEREST.
PREREQUISITE: MATH. 140, 141, OR 145.
3 HOURS OR 1 UNIT.

04939	LECT-DISC	B1	9	M W F	241	A H		FERGUSON

MATH 313 COMBINATORIAL MATHEMATICS.
SAME AS C. S. 313.
PREREQUISITE: MATH. 140 OR 141 OR 145, OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04940	LECT-DISC	F1	2	M W F	102	A H		WITZ

MATH 314 INTRODUCTION TO SET THEORY AND MATHEMATICAL LOGIC.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04941	LECT-DISC	G1	3	M	W	F	110	A H	SCHUPP

MATH 315 LINEAR TRANSFORMATIONS AND MATRICES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.
*SECTION A2 IS FOR STUDENTS WHO HAVE COMPLETED MATH. 134.

04942	LECT-DISC	A1	8	M	W	F	243	A H	
04948	LECT-DISC	*A2	8	M	W	F	143	ADMIN	
04943	LECT-DISC	C1	10	M	W	F	345	A H	
04944	LECT-DISC	C2	10	M	W	F	143	ADMIN	
04945	LECT-DISC	F1	2	M	W	F	341	A H	
04946	LECT-DISC	F2	2	M	W	F	173	A H	
04947	LECT-DISC	G1	3	M	W	F	341	A H	

MATH 317 INTRODUCTION TO ABSTRACT ALGEBRA.
PREREQUISITE: MATH. 140. 141. OR 145. OR EQUIVALENT.
3 HOURS OR 1 UNIT.

04949	LECT-DISC	B1	9	M	W	F	341	A H	
04950	LECT-DISC	M1	9-1030	TU	TH		147	A H	
04951	LECT-DISC	C1	10	M	W	F	145	A H	
04952	LECT-DISC	D1	11	M	W	F	345	A H	
04953	LECT-DISC	E1	1	M	W	F	108	A H	
04954	LECT-DISC	G1	3	M	W	F	343	A H	

MATH 318 INTRODUCTION TO LINEAR ALGEBRA.
PREREQUISITE: MATH. 317.
3 HOURS OR 1 UNIT.

04955	LECT-DISC	B1	9	M	W	F	145	A H	
04956	LECT-DISC	N1	1030-12	TU	TH		165	A H	ARMSTRONG
04957	LECT-DISC	F1	2	M	W	F	343	A H	

MATH 319 APPLIED MODERN ALGEBRA.
PREREQUISITE: MATH. 140 OR 141 OR 145.
3 HOURS OR 1 UNIT.

04958	LECT-DISC	A1	8	M	W	F	245	A H	HOHN
04959	LECT-DISC	D1	11	M	W	F	347	A H	
04960	LECT-DISC	F1	2	M	W	F	245	E E B	

MATH 323 THE ELEMENTS OF GEOMETRY AND TOPOLOGY. I.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT.

04961	LECT-DISC	C1	10	M	W	F	147	A H	BISHOP

MATH 324 THE ELEMENTS OF GEOMETRY AND TOPOLOGY. II.
PREREQUISITE: MATH. 323.
3 HOURS OR 1 UNIT.

04962	LECT-DISC	B1	9	M	W	F	147	A H	FINNEY

MATH 327 INTRODUCTION TO PROJECTIVE GEOMETRY. I.
PREREQUISITE: MATH. 315 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

04963	LECT-DISC	G1	3	M	W	F	130	A H	KAMBER

MATH 332 INTRODUCTION TO SET THEORY AND TOPOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MATH. 347.
3 HOURS OR 1 UNIT.

04964	LECT-DISC	E1	1	M	W	F	110	A H	TONDEUR

MATH 341 DIFFERENTIAL EQUATIONS.
PREREQUISITE: MATH. 140 OR 141 OR 145. OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 341 AND 345. CREDIT IS NOT GIVEN FOR BOTH MATH. 341 AND 349.
*3 HOURS OR 1 UNIT.

04965	LECT-DISC	B1	9	M	W	F	441	A H
04966	LECT-DISC	D1	11	M	W	F	141	A H
04967	LECT-DISC	F1	2	M	W	F	345	A H
04968	LECT-DISC	G1	3	M	W	F	141	A H

MATH 342 DIFFERENTIAL EQUATIONS.
PREREQUISITE: MATH. 341 OR 349.
3 HOURS OR 1 UNIT.

04969	LECT-DISC	F1	1	M	W	F	343	A H	
04970	LECT-DISC	F1	2	M	W	F	108	A H	
04971	LECT-DISC	G1	3	M	W	F	345	A H	

MATH 343 ADVANCED CALCULUS.
PREREQUISITE: MATH. 140, 141, OR 145, OR THE EQUIVALENT.
3 HOURS OR 1 UNIT.
*SECTION F1 IS RESTRICTED TO STUDENTS IN THE TEACHER TRAINING CURRICULUM IN MATHEMATICS.

04972	LECT-DISC	A1	8	M	W	F	247	A H	
04973	LECT-DISC	B1	9	M	W	F	343	A H	
04974	LECT-DISC	B2	9	M	W	F	143	ADMIN	
04975	LECT-DISC	C1	10	M	W	F	441	A H	
04976	LECT-DISC	C2	10	M	W	F	149	ADMIN	
04977	LECT-DISC	D1	11	M	W	F	441	A H	
04978	LECT-DISC	D2	11	M	W	F	149	ADMIN	
04979	LECT-DISC	X1	12	M	W	F	241	A H	
04980	LECT-DISC	E1	1	M	W	F	141	A H	
04983	LECT-DISC	*F1	2	M	W	F	143	ADMIN	
04981	LECT-DISC	F2	2	M	W	F	347	A H	
04982	LECT-DISC	G1	3	M	W	F	143	ADMIN	

MATH 345 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
PREREQUISITE: MATH. 140 OR 141 OR 145, OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND 341. CREDIT IS NOT GIVEN FOR BOTH MATH. 345 AND 349.
*3 HOURS OR 1 UNIT.

04984	LECT-DISC	A1	8	M	W	F	257	A H	
04985	LECT-DISC	A2	8	M	W	F	321	A H	
04986	LECT-DISC	B1	9	M	W	F	345	A H	
04987	LECT-DISC	B2	9	M	W	F	163	E E B	
04988	LECT-DISC	B3	9	M	W	F	155	A H	
04989	LECT-DISC	M1	9-1030	TU TH			441	A H	
04990	LECT-DISC	C1	10	M	W	F	443	A H	SCOTT
04991	LECT-DISC	C2	10	M	W	F	155	A H	BERNDT
04992	LECT-DISC	C3	10	M	W	F	245	E E B	
04993	LECT-DISC	N1	1030-12	TU TH			445	A H	
04994	LECT-DISC	D1	11	M	W	F	43	E E B	
04995	LECT-DISC	D2	11	M	W	F	443	A H	
04996	LECT-DISC	X1	12	M	W	F	243	A H	
04997	LECT-DISC	E1	1	M	W	F	345	A H	
04998	LECT-DISC	E2	1	M	W	F	241	A H	
04999	LECT-DISC	F1	2	M	W	F	110	A H	
05000	LECT-DISC	S1	2-330	TU TH			165	A H	
05001	LECT-DISC	G1	3	M	W	F	145	A H	
05002	LECT-DISC	H1	4	M	W	F	247	A H	

MATH 346 COMPLEX VARIABLES AND APPLICATIONS.
PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.
*3 HOURS OR 1 UNIT.

05003	LECT-DISC	C1	10	M	W	F	445	A H	PECK
05004	LECT-DISC	D1	11	M	W	F	321	A H	
05005	LECT-DISC	E1	1	M	W	F	145	A H	LOTZ

MATH 347 INTRODUCTION TO HIGHER ANALYSIS: REAL VARIABLES.
PREREQUISITE: MATH. 343 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION &D1 IS AN HONORS SECTION REQUIRING CONCURRENT REGISTRATION IN MATH. 249 SECTION &P.

05006	LECT-DISC	B1	9	M	W	F	149	ADMIN	
05007	LECT-DISC	C1	10	M	W	F	447	A H	BENZINGER
05010	LECT-DISC	*&D1	11	M	W	F	145	A H	
05008	LECT-DISC	D2	11	M	W	F	445	A H	HELMS
05009	LECT-DISC	E1	1	M	W	F	143	ADMIN	E. BERKSON

MATH 348 INTRODUCTION TO HIGHER ANALYSIS: COMPLEX VARIABLES.
PREREQUISITE: MATH. 347.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 346 AND 348.
*3 HOURS OR 1 UNIT.

05011	LECT-DISC	C1	10	M	W	F	154	ADMIN	BERG
05012	LECT-DISC	F1	2	M	W	F	169	A H	UHL

MATH 349 DIFFERENTIAL EQUATIONS AND ORTHOGONAL FUNCTIONS.
PREREQUISITE: GRADE OF B OR HIGHER IN MATH. 347; AND FOR UNDERGRADUATES, REGISTRATION IN MATH. 249.
*CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND 341. CREDIT IS NOT GIVEN FOR BOTH MATH. 349 AND 345.
*3 HOURS OR 1 UNIT.
SECTION &E1 IS AN HONORS SECTION AND REQUIRES CONCURRENT REGISTRATION IN MATH. 249 &0.

05013	LECT-DISC	&E1	1	M W F	173	A H		BANK

MATH 351 TOPICS IN APPLIED MATHEMATICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION S1 CONSIDERS GRAPH THEORY WITH APPLICATIONS.

05014	LECT-DISC	*S1	2-330	TU TH	130	A H		BROWN

MATH 352 MULTIVARIATE REAL ANALYSIS.
PREREQUISITE: MATH. 347.
3 HOURS OR 1 UNIT.

05015	LECT-DISC	G1	3	M W F	149	ADMIN		BARTLE

MATH 353 ELEMENTARY THEORY OF NUMBERS.
PREREQUISITE: MATH. 140, 141, OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

05016	LECT-DISC	B1	9	M W F	347	A H		STOLARSKY
05017	LECT-DISC	E1	1	M W F	149	ADMIN		DIAMOND

MATH 354 THEORY OF ALGEBRAIC NUMBERS.
PREREQUISITE: MATH. 317 OR 353.
3 HOURS OR 1 UNIT.

05018	LECT-DISC	E1	1	M W F	147	A H		DI BELLO

MATH 357 MATHEMATICAL MODELS IN THE SOCIAL SCIENCES.
PREREQUISITE: MATH.134 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

05019	LECT-DISC	D1	11	M W F	238	ADMIN		

MATH 361 THEORY OF PROBABILITY, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

05020	LECT-DISC	B1	9	M W F	321	A H		
05021	LECT-DISC	C1	10	M W F	159	A H		
05022	LECT-DISC	F1	2	M W F	441	A H		KNIGHT
05023	LECT-DISC	H1	4	M W F	257	A H		PHILIPP

MATH 362 FINITE DIFFERENCES.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

05024	LECT-DISC	F1	2	M W F	149	ADMIN		PETERS

MATH 363 ADVANCED STATISTICS, I.
PREREQUISITE: MATH. 140 OR 141 OR 145 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

05025	LECT-DISC	C1	10	M W F	165	A H		
05026	LECT-DISC	F1	2	M W F	443	A H		BURKHOLDER
05027	LECT-DISC	G1	3	M W F	147	A H		

MATH 364 ADVANCED STATISTICS, II.
PREREQUISITE: MATH. 363.
3 HOURS OR 1 UNIT.

05028	LECT-DISC	B1	9	M W F	159	A H		WIJSMAN

MATH 365 ANALYSIS OF VARIANCE.
PREREQUISITE: CREDIT OR CONCURRENT REGISTRATION IN MATH. 364 AND 315.
3 HOURS OR 1 UNIT.

05029	LECT-DISC	A1	8	M W F	141	A H		STOUT

MATH 366 THEORY OF PROBABILITY.
PREREQUISITE: MATH. 361 OR 363.
3 HOURS OR 1 UNIT.

05030	LECT-DISC	E1	1	M W F	155	A H		HELMS

MATH 367 COMPUTER APPLICATION TO PROBLEMS IN MATHEMATICS.
SAME AS C. S. 367.
PREREQUISITE: C. S. 101, 107, 121, OR EQUIVALENT, AND JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05031	LECT-DISC	C1	10	M W F	156	ADMIN		REINGOLD

MATH 368 TOPICS IN APPLIED STATISTICS.
PREREQUISITE: MATH. 363 OR CONSENT OF INSTRUCTOR.
*MAY BE TAKEN FOR CREDIT MORE THAN ONCE WITH CONSENT OF INSTRUCTOR.
*3 HOURS OR 1 UNIT.

05032	LECT-DISC	R1	1-4	TU	447	A H		WIJSMAN

MATH 369 PROBABILITY THEORY.
PREREQUISITE: MATH. 347.
3 HOURS OR 1 UNIT.

05033	LECT-DISC	N1	1030-12	TU TH	173	A H		WOLFOWITZ

MATH 381 VECTOR AND TENSOR ANALYSIS.
PREREQUISITE: MATH. 343 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05034	LECT-DISC	D1	11	M W F	147	A H		FRANCIS

MATH 383 LINEAR PROGRAMMING.
SAME AS C. S. 383.
PREREQUISITE: ONE YEAR OF CALCULUS.
3 HOURS OR 1 UNIT.

05035	LECT-DISC	E1	1	M W F	238	ADMIN		

MATH 386 LAPLACE TRANSFORMS.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT.

05036	LECT-DISC	D1	11	M W F	152	ADMIN		SCOTT

MATH 387 NUMERICAL ANALYSIS.
SAME AS C. S. 387.
PREREQUISITE: C. S. OR MATH. 287, A KNOWLEDGE OF ELEMENTARY MATRIX ALGEBRA, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05037	LECT-DISC	F1	2	M W F	155	A H		PURDY

MATH 388 MATHEMATICAL METHODS IN ENGINEERING AND SCIENCE.
PREREQUISITE: MATH. 343.
3 HOURS OR 1 UNIT.
*SECTION B1 CONSIDERS NUMERICAL METHODS OF ORDINARY DIFFERENTIAL EQUATIONS.
*SECTION C1 CONSIDERS INTRODUCTION TO OPTIMIZATION.
*SECTION S1 CONSIDERS APPLICATIONS OF PROBABILITY.

05040	LECT-DISC	*B1	9	M W F	443	A H		BENZINGER
05041	LECT-DISC	*C1	10	M W F	419	E H		KOKOTOVIC
05038	LECT-DISC	C2	10	M W F	102	A H		
05039	LECT-DISC	D1	11	M W F	163	E E B		
05042	LECT-DISC	*S1	2-330	TU TH	108	A H		ASH

MATH 391 BOOLEAN ALGEBRA AND SWITCHING THEORY.
SAME AS C. S. AND E. E. 391.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05043	LECT-DISC	D1	11	M W F	156	ADMIN		MURRELL

MATH 392 INTRODUCTION TO AUTOMATA THEORY.
SAME AS C. S. AND E. E. 392.
PREREQUISITE: C. S., E. E. OR MATH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

05044	LECT-DISC	C1	10	M W F	162	E E B		FORBES
05045	LECT-DISC	D1	11	M W F	447	A H		MULLER

MATH 400 GENERAL SEMINAR.

05046	LECT-DISC	U1	4	TU TH	314	A H		

MATH 401 SECOND COURSE IN ABSTRACT ALGEBRA, I.
PREREQUISITE: MATH. 317 AND 318.
1 UNIT.
*SECTION C1 IS FOR AYI STUDENTS.

05048	LECT-DISC	*C1	10	M W F	241	A H		BRAUNFELD
05047	LECT-DISC	G1	3	M W F	241	A H		DORNHOFF

MATH 402 SECOND COURSE IN ABSTRACT ALGEBRA, II.
PREREQUISITE: MATH. 401.
1 UNIT.

05049	LECT-DISC	F1	2	M W F	241	A H		MCCULLOH

MATH 403 THEORY OF RINGS.
PREREQUISITE: MATH. 401, 402 OR EQUIVALENT.
1 UNIT.

05050	LECT-DISC	G1	3	M W F	243	A H		

MATH 406 HOMOLOGICAL ALGEBRA.
PREREQUISITE: MATH. 402 OR EQUIVALENT.
1 UNIT.

05051	LECT-DISC	E1	1	M W F	102	A H		

MATH 408 LIE-ALGEBRAS.
PREREQUISITE: MATH. 401, AND CREDIT FOR OR CONCURRENT REGISTRATION IN MATH. 402.
1 UNIT.

08626	LECT-DISC	F1	2	M W F	245	A H		WALTER

MATH 410 LOGICAL FOUNDATIONS OF MATHEMATICS, I.
PREREQUISITE: MATH. 314 OR 317 OR 347 OR PHIL. 333 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05052	LECT-DISC	C1	10	M W F	243	A H		TANAKA

MATH 411 LOGICAL FOUNDATIONS OF MATHEMATICS, II.
PREREQUISITE: MATH. 410.
1 UNIT.

05053	LECT-DISC	E1	1	M W F	243	A H		MCLAUGHLIN

MATH 413 SET THEORY.
PREREQUISITE: MATH. 410.
1 UNIT.

05054	LECT-DISC	C1	10	M W F	245	A H		JOCKUSCH

MATH 415 ADVANCED TOPICS IN THE THEORY OF GROUPS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 CONSIDERS FINITE SOLVABLE GROUPS.
*SECTION E1 CONSIDERS THEORY OF FINITE GROUPS, CONTINUED.
*SECTION N1 CONSIDERS FINITELY GENERATED NILPOTENT GROUPS.

05058	LECT-DISC	D1	11	M W F	241	A H		DADE
05055	LECT-DISC	E1	1	M W F	341	A H		SUZUKI
05059	LECT-DISC	F1	2	M W F	243	A H		WALTER
05056	LECT-DISC	G1	3	M W F	245	A H		
05057	LECT-DISC	N1	1030-12	TU TH	341	A H		GRUENBERG

MATH 416 ADVANCED TOPICS IN ABSTRACT ALGEBRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION C1 CONSIDERS REPRESENTATION THEORY.
*SECTION N1 CONSIDERS MODERN APPLIED ALGEBRA, CONTINUED.
*SECTION E1 CONSIDERS UNSOLVABILITY RESULTS IN GROUP THEORY AND NUMBER THEORY.
*SECTION G1 CONSIDERS ALGEBRAIC NUMBER THEORY, CONTINUED.

05060	LECT-DISC	B1	9	M W F	243	A H		
05062	LECT-DISC	*C1	10	M W F	247	A H		REINER
05063	LECT-DISC	*N1	1030-12	TU TH	130	A H		BROWN
05061	LECT-DISC	D1	11	M W F	243	A H		
05064	LECT-DISC	*E1	1	M W F	245	A H		BOONE
05065	LECT-DISC	*G1	3	M W F	247	A H		ULLOM

MATH 422 ALGEBRAIC GEOMETRY.
PREREQUISITE: MATH. 328.
1 UNIT.
*SECTION G1 CONSIDERS ALGEBRAIC CURVES.

05066	LECT-DISC	*G1	3	M W F	257	A H			TONDEUR

MATH 423 DIFFERENTIABLE MANIFOLDS.
PREREQUISITE: MATH. 323 OR 381 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05067	LECT-DISC	D1	11	M W F	245	A H			CHEN

MATH 426 LINEAR ANALYSIS ON MANIFOLDS, II.
PREREQUISITE: MATH 425.
1 UNIT.

05068	LECT-DISC	N1	1030-12	TU TH	145	A H			ALBRECHT

MATH 428 TOPICS IN GEOMETRY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 IS FOR ACADEMIC YEAR INSTITUTE STUDENTS.
*SECTION F1 CONSIDERS GROTHENDIECK-RIEMANN-ROCH THEOREM.
*SECTION Q1 CONSIDERS K-THEORY.

05071	LECT-DISC	*D1	11	M W F	247	A H			WETZEL
05069	LECT-DISC	*F1	2	M W F	247	A H			KAMBER
05070	LECT-DISC	*Q1	1230-2	TU TH	110	A H			OSBORN

MATH 432 ALGEBRAIC TOPOLOGY, II.
PREREQUISITE: MATH. 431 AND CONCURRENT REGISTRATION IN MATH. 402.
1 UNIT.
*SECTION C1 ASSUMES CONCURRENT REGISTRATION IN MATH. 402.

05072	LECT-DISC	*C1	10	M W F	257	A H			CRAGGS

MATH 435 GENERAL TOPOLOGY, I.
PREREQUISITE: MATH. 332 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05073	LECT-DISC	H1	4	M W F	243	A H			HAMSTROM

MATH 436 GENERAL TOPOLOGY, II.
PREREQUISITE: MATH. 435.
1 UNIT.

05074	LECT-DISC	P1	9	M W F	245	A H			JERRARD

MATH 438 TOPICS IN TOPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05075	LECT-DISC	D1	11	M W F	257	A H			

MATH 439 SEMINAR IN TOPOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05076	LECT-DISC	M1	9	TU TH	241	A H			
05077	LECT-DISC	N1	10	TU TH	241	A H			
05078	LECT-DISC	P1	11	TU TH	241	A H			
05079	LECT-DISC	R1	1	TU TH	241	A H			
05080	LECT-DISC	S1	2	TU TH	241	A H			
05081	LECT-DISC	T1	3	TU TH	241	A H			

MATH 440 THEORY OF FUNCTIONS OF A COMPLEX VARIABLE, I.
PREREQUISITE: MATH. 348, OR MATH. 346 AND MATH. 347.
1 UNIT.

05082	LECT-DISC	B1	9	M W F	247	A H			SHERBERT

MATH 441 REAL ANALYSIS, I.
PREREQUISITE: MATH. 347 OR EQUIVALENT.
1 UNIT.

05083	LECT-DISC	D1	11	M W F	102	A H			RUBEL

MATH 442 REAL ANALYSIS, II.
PREREQUISITE: MATH. 441.
1 UNIT.

05084	LECT-DISC	E1	1	M W F	247	A H			PERESSINI

MATH 444 PARTIAL DIFFERENTIAL EQUATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05085	LECT-DISC	E1	1	M W F	347	A H		GRAY

MATH 445 THEORY OF FUNCTIONS OF A COMPLEX VARIABLE. II.
PREREQUISITE: MATH 440.
1 UNIT.

05086	LECT-DISC	B1	1030-12	TU TH	447	A H		MILES

MATH 447 BANACH SPACES.
PREREQUISITE: MATH. 442.
1 UNIT.

05087	LECT-DISC	B1	9	M W F	257	A H		M. DAY

MATH 448 HARMONIC ANALYSIS.
PREREQUISITE: MATH. 442.
1 UNIT.

05088	LECT-DISC	F1	2	M W F	257	A H		CONVERSE

MATH 452 THEORY OF PROBABILITY. II.
PREREQUISITE: MATH. 451.
1 UNIT.

05089	LECT-DISC	G1	3	M W F	102	A H		PHILIPP

MATH 454 ANALYTIC THEORY OF NUMBERS. II.
PREREQUISITE: MATH. 453.
1 UNIT.

05090	LECT-DISC	C1	10	M W F	347	A H		BATEMAN

MATH 455 MATHEMATICAL METHODS OF PHYSICS. I.
PREREQUISITE: MATH. 348.
1 UNIT.

05091	LECT-DISC	B1	9	M W F	102	A H		

MATH 456 MATHEMATICAL METHODS OF PHYSICS. II.
PREREQUISITE: MATH. 455.
1 UNIT.

05092	LECT-DISC	C1	10	M W F	108	A H		

MATH 458 NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS.
SAME AS C. S. 458.
PREREQUISITE: C. S. OR MATH. 457, OR CONSENT OF INSTRUCTOR.
1 UNIT.

05093	LECT-DISC	F1	2	M W F	217	M E L		SAYLOR

MATH 460 RELATIVITY AND COSMOLOGY.
SAME AS ASTR. AND PHYCS. 424.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05094	LECT		2	M W F	206	H H		MCVITTIE

MATH 461 APPLIED STOCHASTIC PROCESSES.
PREREQUISITE: MATH. 346 AND 347.
1 UNIT.

05095	LECT-DISC	B1	9	M W F	108	A H		BOHREP

MATH 465 TOPICS IN AUTOMATA THEORY.
SAME AS C. S. AND E. E. 465.
PREREQUISITE: C. S., E. E. OR MATH. 392, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION N1 CONSIDERS DESIGN OF DIGITAL COMPUTER CONTROL UNITS.

05096	LECT-DISC	*N1	10-1120	TU TH	101	WOODSHOP		METZE

MATH 468 TOPICS IN ANALYSIS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT
*SECTION B1 CONSIDERS DIOPHANTINE APPROXIMATION.
*SECTION D1 CONSIDERS COMPLEX VARIABLES.
*SECTION E1 CONSIDERS MARTINGALES.
*SECTION E2 IS FOR AYI STUDENTS.
*SECTION F1 CONSIDERS APPLIED FUNCTIONAL ANALYSIS.
SECTION H1 CONSIDERS PARTIAL DIFFERENTIAL EQUATIONS.

05097	LECT-DISC	*B1	9	M	W	F	130	A	H	BOROSH
05098	LECT-DISC	*D1	ARR							HEINS
05099	LECT-DISC	*E1	1	M	W	F	130	A	H	BURKHOLDER
05100	LECT-DISC	*E2	1	M	W	F	257	A	H	ZARING
05101	LECT-DISC	*F1	2	M	W	F	130	A	H	PORTA
05102	LECT-DISC	H1	4	M	W	F	130	A	H	CARROLL

MATH 469 SEMINAR IN ANALYSIS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION D1 CONSIDERS ARITHMETICAL FUNCTIONS. CONTINUED.

05109	LECT-DISC	*D1	11	M	W	F	108	A	H	BERNDT
05103	LECT-DISC	M1	9	TU	TH		243	A	H	
05104	LECT-DISC	N1	10	TU	TH		243	A	H	
05105	LECT-DISC	P1	11	TU	TH		243	A	H	
05106	LECT-DISC	R1	1	TU	TH		243	A	H	
05107	LECT-DISC	S1	2	TU	TH		243	A	H	
05108	LECT-DISC	T1	3	TU	TH		243	A	H	

MATH 473 THE THEORY OF TESTING HYPOTHESES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05110	LECT-DISC	C1	10	M	W	F	110	A	H	JOGDEO

MATH 476 TOPICS IN STATISTICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION U1 CONSIDERS MAXIMUM PROBABILITY ESTIMATORS.

05111	LECT-DISC	*U1	4-530	TU	TH		241	A	H	WOLFOWITZ

MATH 487 THEORY OF APPROXIMATION.
SAME AS C. S. 487.
PREREQUISITE: MATH. 318. MATH. 348. OR CONSENT OF INSTRUCTOR.
1 UNIT.

05112	LECT-DISC	D1	11	M	W	F	110	A	H	

MATH 488 TOPICS IN APPLIED MATHEMATICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
*SECTION A1 CONSIDERS PERTURBATION METHODS IN ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS.
*SECTION C1 CONSIDERS MATHEMATICAL FOUNDATIONS OF QUANTUM MECHANICS.

05113	LECT-DISC	*A1	8	M	W	F	345	A	H	LANGEBARTEL
05114	LECT-DISC	*C1	10	M	W	F	341	A	H	WITZ

MATH 489 SEMINAR IN APPLIED MATHEMATICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05115	LECT-DISC	M1	9	TU	TH		245	A	H	
05116	LECT-DISC	N1	10	TU	TH		245	A	H	
05117	LECT-DISC	P1	11	TU	TH		245	A	H	
05118	LECT-DISC	R1	1	TU	TH		245	A	H	
05119	LECT-DISC	S1	2	TU	TH		245	A	H	
05120	LECT-DISC	T1	3	TU	TH		245	A	H	

MATH 490 READING COURSE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

05121	CONF	A	ARR
05122	CONF	B	ARR
05123	CONF	C	ARR

MATH 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.

05124	CONF		ARR

M E 185 MATERIALS PROCESSING AND PRODUCTION TECHNOLOGY.
PREREQUISITE: CHEM. 102. PHYCS. 106. AND CREDIT OR REGISTRATION IN MATH. 140. 145 OR 141.
4 HOURS.

05125	LECT-DISC	CK1	10	M W F	218	M E B
	LAB	CK1	8-11	TU	217	M E B
		CK1	8-11	TU	218	M E B
05126	LECT-DISC	CK3	10	M W F	218	M E B
	LAB	CK3	8-11	TH	217	M E B
		CK3	8-11	TH	218	M E B
05127	LECT-DISC	CQ3	10	M W F	218	M E B
	LAB	CQ3	2-5	TH	217	M E B
		CQ3	2-5	TH	218	M E B

M E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

05128	CONF	Y	ARR	

M E 202 THERMODYNAMICS AND HEAT TRANSFER.
PREREQUISITE: MATH. 345. PHYCS. 107. T. A. M. 154 OR 211.
3 HOURS.

05129	LECT-DISC	R	9	M W F	253	M E B
05130	LECT-DISC	F	2	M W F	218	M E B

M E 205 THERMODYNAMICS.
PREREQUISITE: MATH. 140. 145 OR 141. PHYCS. 107.
3 HOURS.

05131	LECT-DISC	C1	10	M F	135	M E B
		C1	10-12	W	135	M E B
05132	LECT-DISC	C2	10	M F	110	M E B
		C2	10-12	W	110	M E B
05133	LECT-DISC	G1	3	M F	135	M E B
		G1	3-5	W	135	M E B
05134	LECT-DISC	G2	3	M F	336	M E B
		G2	3-5	W	336	M E B

M E 206 THERMODYNAMICS.
PREREQUISITE: M. E. 205.
3 HOURS.
*SECTION &D1 IS AN HONORS SECTION.

05135	LECT-DISC	B1	9	M W F	135	M E B
05136	LECT-DISC	B2	9	M W F	110	M E B
05140	LECT-DISC	*&D1	11	M W F	236	M E B
05137	LECT-DISC	D2	11	M W F	204	M E L
05138	LECT-DISC	F1	2	M W F	110	M E B
05139	LECT-DISC	F2	2	M W F	204	M E L

M E 207 THERMODYNAMICS.
PREREQUISITE: MATH. 140. 145 OR 141. PHYCS. 107.
3 HOURS.
STUDENTS MUST REGISTER IN LECTURE AND IN DISC SECTION.

05141	LECT	G1	9	M W F	204	M E L
05142	DISC	P1	1	TU	204	M E L

M E 209 THERMODYNAMICS AND HEAT TRANSFER.
PREREQUISITE: MATH. 140. 145 OR 141. PHYCS. 107.
3 HOURS.

05143	LECT-DISC	B1	9	M W F	343	M E B

M E 210 INTRODUCTION TO ENGINEERING EXPERIMENTATION.
PREREQUISITE: REGISTRATION IN MATH. 345 AND M. E. 220.
3 HOURS.
STUDENTS MUST REGISTER IN LECTURE-DISC. AND IN ONE LAB SECTION.

05144	LECT-DISC	K	8	TU TH	253	M E B
05145	LAB	L1	9-12	TU	204	M E L
05146	LAB	L3	9-12	TH	204	M E L
05147	LAB	Q1	2-5	TU	204	M E L
05148	LAB	Q3	2-5	TH	204	M E L

M E 211 INTRODUCTORY GAS DYNAMICS.
PREREQUISITE: MATH. 345, PHYSC. 107, AND M. E. 210(OR CONCURRENTLY)
3 HOURS.

05149	LECT-DISC	B	9	M	W	F	236	M	E	B
05150	LECT-DISC	E	1	M	W	F	253	M	E	B

M E 213 HEAT TRANSFER.
PREREQUISITE: M. E. 211.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH M. E. 213 AND 254.
*3 HOURS.

05151	LECT-DISC	A	8	M	W	F	110	M	E	B
05152	LECT-DISC	C	10	M	W	F	204	M	E	L

M E 220 MECHANICS OF MACHINERY.
PREREQUISITE: T. A. M. 154 OR 156, OR REGISTRATION IN T. A. M. 211,
AND CREDIT OR REGISTRATION IN C. S. 101.
4 HOURS.
*SECTION &C1 IS AN HONORS SECTION.

05153	LAB-DISC	A1	8-10	M	W	F	353	M	E	B
05154	LAB-DISC	A2	8-10	M	W	F	335	M	E	B
05157	LAB-DISC	*&C1	10-12	M	W	F	353	M	E	B
05155	LAB-DISC	C2	10-12	M	W	F	335	M	E	B
05156	LAB-DISC	E	1-3	M	W	F	353	M	E	B

M E 224 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 220 AND T. A. M. 221.
3 HOURS.
*SECTION &A1 IS AN HONORS SECTION.

05163	LECT-DISC	*&A1	8-10	M	W	F	336	M	E	B
05158	LECT-DISC	A2	8-10	M	W	F	344	M	E	B
05159	LECT-DISC	C1	10-12	M	W	F	336	M	E	B
05160	LECT-DISC	C2	10-12	M	W	F	344	M	E	B
05161	LECT-DISC	E1	1-3	M	W	F	336	M	E	B
05162	LECT-DISC	E2	1-3	M	W	F	344	M	E	B

M E 234 HEAT TREATMENT OF METALS.
PREREQUISITE: T. A. M. 221 AND CREDIT OR REGISTRATION IN M. E. 224.
3 HOURS.
STUDENTS MUST REGISTER IN ONE LECTURE AND IN ONE LAB SECTION.

05164	LECT	K	8	TU	TH		110	M	E	B
05165	LECT	D	11	M		F	110	M	E	B
05166	LECT	P	1	TU	TH		110	M	E	B
05167	LAB	L1	9-12	TU			110	M	E	B
		L1	9-12	TU			114	M	E	B
05168	LAB	L3	9-12		TH		110	M	E	B
		L3	9-12		TH		114	M	E	B
05169	LAB	Q1	2-5	TU			110	M	E	B
		Q1	2-5	TU			114	M	E	B
05170	LAB	Q3	2-5		TH		110	M	E	B
		Q3	2-5		TH		114	M	E	B

M E 250 THERMO SCIENCE LABORATORY.
PREREQUISITE: M. E. 205 AND 213.
3 HOURS.

05171	LAB	B	9-12	M		F	320	M	E	L
		R	9-12	M		F	321	M	E	L
05172	LAB	F	2-5	M		F	320	M	E	L
		F	2-5	M		F	321	M	E	L

M E 254 HEAT TRANSFER AND GAS DYNAMICS.
PREREQUISITE: M. E. 205, CREDIT OR REGISTRATION IN T. A. M. 235.
*STUDENTS ARE NOT GIVEN CREDIT FOR BOTH M. E. 213 AND 254.
*3 HOURS.

05173	LECT-DISC	D	11	M	W	F	218	M	E	B

M E 257 GAS TURBINES.
PREREQUISITE: M. E. 206 OR EQUIVALENT.
3 HOURS.

05174	LECT-DISC	L	9	TU	TH		236	M	E	B
05175	LAB	M1	10-12	TU			101	M	E	B
05176	LAB	M3	10-12		TH		101	M	E	B

M E 260 AIR FLOW AND CONDITIONING.
PREREQUISITE: M. E. 206, 211 AND 213.
3 HOURS.

05177	LECT-DISC	C	10	M	W	F	236	M	E	B

M E 265 PRINCIPLES OF CONTROL SYSTEMS.
PREREQUISITE: M. E. 210 OR SENIOR STANDING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

05178	LECT-DISC	F	1	M F	218	M E B	
05179	LAB	L1	9-12	TU	362	M E B	
		L1	9-12	TU	221	M E B	
05180	LAB	L3	9-12	TH	362	M E B	
		L3	9-12	TH	221	M E B	
05181	LAB	Q1	2-5	TU	362	M E B	
		Q1	2-5	TU	221	M E B	
05182	LAB	Q3	2-5	TH	362	M E B	
		Q3	2-5	TH	221	M E B	

M E 271 DESIGN OF MACHINE ELEMENTS.
PREREQUISITE: M. E. 224.
3 HOURS.

05183	LECT-DISC	A1	8-10	M W F	349	M E B
05184	LECT-DISC	C1	10-12	M W F	349	M E B
05185	LECT-DISC	C2	10-12	M W F	249	M E B
05186	LECT-DISC	F1	1-3	M W F	335	M E B

M E 275 CREATIVITY IN ENGINEERING DESIGN.
PREREQUISITE: M. E. 271.
3 HOURS.

05187	LECT-DISC	R	3-5	TU TH	249	M E B

M E 284 WELDING ENGINEERING.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF INSTRUCTOR.
3 HOURS.

05188	LECT-DISC	GM1	3	M F	218	M E B
		GM1	9	TU	344	M E B
	LAB	GM1	10-12	TU	215	M E B

M E 290 SENIOR PROJECT LABORATORY.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING.
*MAY BE REPEATED FOR CREDIT.
*2 HOURS.

05189	CONF	Y	ARR	

M E 291 SEMINAR.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING. MUST BE TAKEN FIRST SEMESTER OF SENIOR YEAR.
0 CREDIT.

05190	CONF	G	3	W	253	M E B

M E 293 SPECIAL PROJECTS.
PREREQUISITE: SENIOR STANDING IN MECHANICAL ENGINEERING. CONSENT OF HEAD OF DEPARTMENT.
3 HOURS.

05191	CONF	Y	ARR			
05192	CONF	Z	ARR			
05193	CONF	YY	9	M W F	101	WOODSHOP
05194	CONF	ZZ	10	M W F	101	WOODSHOP

M E 296 HONORS PROJECT.
PREREQUISITE: JAMES SCHOLAR IN ENGINEERING; CONSENT OF INSTRUCTOR.
1 TO 4 HOURS.

05195	CONF	&Z	ARR	

M E 302 NUCLEAR POWER ENGINEERING.
SAME AS NUC. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05196	LECT-DISC		10	M W F	332	M E B

M E 303 DYNAMICS OF AEROSOLS AND HYDROSOLS.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

05197	LECT-DISC	ARR		MORRISON

M E 304 DIRECT ENERGY CONVERSION.
PREREQUISITE: M. E. 301 OR CONSENT OF INSTRUCTOR. MATH. 345.
3 HOURS. OR 3/4 OR 1 UNIT.

05198	LECT-DISC		ARR				SOO

M E 305 THERMODYNAMICS OF HIGH-VELOCITY FLOW.
PREREQUISITE: M. E. 205 AND 211 OR EQUIVALENT.
3 HOURS. OR 3/4 OR 1 UNIT.

05199	LECT-DISC		10-1130	TU TH	249	M E B	ADDY

M E 306 INDUSTRIAL HEAT TRANSFER.
PREREQUISITE: UNDERGRADUATE COURSES IN FLUID MECHANICS AND HEAT TRANSFER.
4 HOURS OR 1 UNIT.

05200	LECT-DISC		1-3	M W	243	M E B	CLAUSING

M E 311 INSTRUMENTATION AND MEASUREMENTS.
SAME AS AG. E. 311.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR SCIENCE.
3 OR 4 HOURS. OR 3/4 OR 1 UNIT.

05201	LECT		8	M W F	204	M E L	STROUT

M E 314 LUBRICATION.
PREREQUISITE: UNDERGRADUATE COURSES IN MACHINE DESIGN AND FLUID MECHANICS.
3 HOURS. OR 3/4 OR 1 UNIT.

05202	LECT-DISC		1-3	TU TH	236	M E B	STAFF

M E 323 DESIGN OF THERMAL SYSTEMS.
PREREQUISITE: M. E. 206. 211 AND 213.
3 HOURS. OR 3/4 OR 1 UNIT.

05203	LECT	K	8-10	TU TH	336	M E B	

M E 331 INTERNAL COMBUSTION ENGINES.
PREREQUISITE: M. E. 206. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.
STUDENTS MUST REGISTER IN ONE LECT-DISC AND IN ONE LAB.

05204	LECT-DISC	B	9	M F	204	M E L	
05205	LECT-DISC	F	2	M F	236	M E B	
05206	LAB	M1	10-12	TU	101	M E B	
05207	LAB	M3	10-12	TH	101	M E B	
05208	LAB	R1	2-5	TU	101	M E B	
05209	LAB	R3	2-5	TH	101	M E B	

M E 332 THEORY OF INTERNAL COMBUSTION ENGINES.
PREREQUISITE: UNDERGRADUATE COURSE IN INTERNAL COMBUSTION ENGINES OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 TO 1 UNIT.

05210	LECT-DISC		8	M W F	135	M E B	

M E 341 ENGINEERING ANALYSIS AND DESIGN.
PREREQUISITE: M. E. 271. SENIOR STANDING. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

05211	LECT-DISC		8-10	M W F	249	M E B	STAFF

M E 343 DYNAMICS OF MACHINERY.
PREREQUISITE: M. E. 220 AND SENIOR STANDING. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

05212	LECT-DISC		10	M W F	343	M E B	LARSON

M E 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., G. E., GEOG., U. P. AND V. M. S. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

05213	LECT-DISC		3-5	W	218	M E B	PEARSON

M E 386 INDUSTRIAL CONTROL SYSTEMS.
PREREQUISITE: M. E. 265. OR EQUIVALENT. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 3/4 OR 1 UNIT.

05214	LECT-DISC		9	M W F	235	M E B	KLEIN

M E 393 SPECIAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
1 TO 4 HOURS. OR 1/2 TO 1 UNIT.

05215	CONF	Y	ARR		STAFF
05216	CONF	Z	ARR		STAFF
05217	CONF	YY	ARR		STAFF

M E 402 NON-EQUILIBRIUM PROCESSES.
PREREQUISITE: M. E. 301, 303, OR CONSENT OF INSTRUCTOR.
1 UNIT.

05218	LECT-DISC		ARR		SOO

M E 407 GAS DYNAMICS, II.
PREREQUISITE: M. E. 404 OR EQUIVALENT.
1 UNIT.

05219	LECT-DISC		ARR		CHOW, KORST

M E 408 LABORATORY INVESTIGATIONS IN THERMODYNAMICS.
PREREQUISITE: ONE-YEAR COURSE IN THERMODYNAMICS, ONE HALF-YEAR COURSE IN POWER LABORATORY.
1/2 TO 1 1/2 UNITS.

05220	CONF		ARR		BAIR, KORST, MORRISON, SOO, STUKEL

M E 409 LABORATORY INVESTIGATIONS IN FLUID FLOW, HEAT TRANSFER, AND COMBUSTION
PREREQUISITE: COURSES IN THERMODYNAMICS AND FLUID MECHANICS.
1/2 TO 1 1/2 UNITS.

05221	CONF		ARR		ADDY, BAIR, CHAO, CHOW, CLAUSING, SAVAGE

M E 410 THERMAL RADIATION.
PREREQUISITE: M. E. 306 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05222	LECT-DISC		ARR		

M E 423 THERMAL SYSTEMS.
PREREQUISITE: M. E. 323.
1 UNIT.

05223	LECT-DISC	10-12	TU TH	336 M E B	STOECKER

M E 428 INVESTIGATIONS IN THERMAL SYSTEMS.
1/2 TO 1 1/2 UNITS.

05224	CONF		ARR		STOECKER, PEDERSEN, CHATO

M E 429 INVESTIGATIONS IN ENVIRONMENTAL CONTROL.
PREREQUISITE: TWO SEMESTERS OF POWER LABORATORY OR EQUIVALENT.
1/2 TO 1 1/2 UNITS.

05225	CONF		ARR		CHATO, HERTIG, PEDERSEN, STOECKER

M E 432 THEORY OF ROTARY COMPRESSORS.
PREREQUISITE: M. E. 205, 206, AND 212, OR A. A. E. 211.
1 UNIT.

05226	LECT-DISC		ARR		KORST

M E 438 LABORATORY INVESTIGATIONS IN POWER MACHINERY.
PREREQUISITE: ONE-YEAR COURSE IN POWER LABORATORY.
1/2 TO 1 1/2 UNITS.

05227	CONF		ARR		HEBRANK, HULL, MILES, SAVAGE, SORENSON, STROUT

M E 441 MACHINE DESIGN.
PREREQUISITE: UNDERGRADUATE COURSE IN DYNAMICS OF MACHINES, ONE YEAR OF MACHINE DESIGN.
1 UNIT.

05228	LECT-DISC	10-12	TU TH	344 M E B	STAFF

M E 442 LINKAGE SYNTHESIS.
PREREQUISITE: M. E. 342 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05229	LECT-DISC	11	M W F	343 M E B	BROGHAMER

M E 448 LABORATORY INVESTIGATIONS IN MACHINE DESIGN.
1/2 TO 1 1/2 UNITS.

05230	CONF	ARR	BROGHAMER LARSON OFFNER, CUSANO KADZIMOVSKY

M E 450 LABORATORY INVESTIGATIONS IN PRODUCTION.
1/2 TO 1 1/2 UNITS.

05231	LAB-DISC	ARR	DEVOR, DOYLE, GREENE, KLEIN LEACH, TRIGGER

M E 493 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS EACH SEMESTER WITH THE EXCEPTION OF DOCTORAL CANDIDATES WHO HAVE PASSED THEIR PRELIMINARY EXAMINATION.
0 CREDIT.

05232	DISC	4	W	253 M E B	MORRISON

M E 497 SPECIAL PROBLEMS IN MECHANICAL ENGINEERING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*0 TO 1 UNIT.

05233	CONF	Y	ARR	STAFF
05234	CONF	Z	ARR	

M E 499 THESIS RESEARCH.
0 TO 4 UNITS.
*STUDENTS IN INDUSTRIAL PRODUCTION SHOULD REGISTER IN SECTION IP.
*STUDENTS IN MACHINE DESIGN SHOULD REGISTER IN SECTION MD.
*STUDENTS IN THERMOSCIENCE SHOULD REGISTER IN SECTION TSC.
*STUDENTS IN THERMOSYSTEMS SHOULD REGISTER IN SECTION TSY.
*STUDENTS IN BIO-ENGINEERING, CONTROLS, OR ANY OTHERS SHOULD REGISTER IN SECTION Y.

05235	CONF	*IP	ARR	STAFF
05236	CONF	*MD	ARR	STAFF
05237	CONF	*TSC	ARR	STAFF
05238	CONF	*TSY	ARR	STAFF
05239	CONF	*Y	ARR	STAFF

MEDIEVAL CIVILIZATION STUDIES PROGRAM

MAJOR: STUDENTS WHO ELECT MEDIEVAL CIVILIZATION AS A MAJOR MUST COMPLETE THE LOWER DIVISION REQUIREMENTS OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND FORTY SEMESTER HOURS (WHICH SATISFIES BOTH MAJOR AND MINOR REQUIREMENTS) IN COURSES CHOSEN FROM THE FOLLOWING LIST: ARCH. 214; ART 308 OR 309; CLCIV. 301, 302; ENGL. 311; HIST. 301, 302, 303, 304, 305, 333, 345; ITAL. 311, 312; LAT. 104; PHIL. 304; SPCH. 361. OTHER COURSES MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ADVISER; ADVANCED READING COURSES IN ANY FOREIGN LANGUAGE OFFERED BY THE UNIVERSITY ARE STRONGLY RECOMMENDED.
ADVISER: PROFESSOR BENNETT D. HILL, 446F GREGORY HALL.

DEPARTMENT OFFICE 201 M M B

MET E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

05240	CONF		ARR			

MET E 208 PHYSICAL METALLURGY, II.
PREREQUISITE: MET. E. 201 AND 203.
*CREDIT NOT ALLOWED FOR MET. E. 208 IN ADDITION TO MET. E. 387.
*3 HOURS.

05241	LECT-DISC		8	M W F	305	M M B

MET E 210 PHYSICAL METALLURGY LABORATORY, II.
PREREQUISITE: REGISTRATION IN MET. E. 208.
3 HOURS.

05242	LAB	A	9-12	TU TH	212	M M B
05243	LAB	B	2-5	TU TH	212	M M B

MET E 299 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
1 TO 3 HOURS.

05244	CONF		ARR			

MET E 306 DESIGN OF ENGINEERING ALLOYS.
PREREQUISITE: MET. E. 208 AND 311.
3 HOURS, OR 3/4 OR 1 UNIT.

05245	LECT-DISC		10	TU TH	305	M M B
			3	W	305	M M B

MET E 307 CORROSION OF METALS.
PREREQUISITE: M. E. 234 OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

05246	LECT-DISC		11	M W F	403	M M B

MET E 310 X-RAY METALLOGRAPHY.
PREREQUISITE: PHYCS. 108.
3 HOURS OR 3/4 UNIT.

05247	LECT-DISC		11	M W	305	M M B
05248	LAB	A	2-5	W	216	M M B
05249	LAB	B	9-12	TH	216	M M B

MET E 314 METALLURGICAL THERMODYNAMICS.
PREREQUISITE: CHEM. 245.
3 HOURS OR 3/4 UNIT.

05250	LECT-DISC		1	M W F	305	M M B

MET E 316 MECHANICAL METALLURGY.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR
CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05251	LECT-DISC		9	M W F	305	M M B

MET E 318 PHYSICS OF METALS.
PREREQUISITE: SENIOR STANDING IN ENGINEERING, OR CONSENT OF
INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05252	LECT-DISC		10	M W F	403	M M B

MET E 334 PHYSICAL METALLURGY FOR ENGINEERS.
PREREQUISITE: CREDIT OR REGISTRATION IN T. A. M. 221, OR A. A. E.
224, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

05253	LECT-DISC		10	M W F	305	M M B

MET E 394 PROPERTIES OF SOLIDS.
SAME AS E. E. 384.
PREREQUISITE: PHYCS. 383.
3 HOURS OR 3/4 UNIT.

05254	LECT-DISC	A	9	M W F	119	M M B
05255	LECT-DISC	B	11	M W F	119	M M B

MET E 408 DISLOCATIONS AND MECHANICAL PROPERTIES OF METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

05256	LECT-DISC		2	M W F	305	M M B	

MET E 410 ADVANCED X-RAY METALLOGRAPHY.
PREREQUISITE: CHEM. 427, OR CONSENT OF INSTRUCTOR.
1 UNIT.

05257	LECT-DISC		ARR				

MET E 421 KINETICS OF PHASE CHANGES IN METALS.
PREREQUISITE: MET. E. 420 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05258	LECT-DISC		1	M W F	403	M M B	

MET E 485 METALLURGICAL ENGINEERING PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

05259	LECT-DISC		ARR				

MET E 486 LABORATORY INVESTIGATIONS IN METALLURGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 OR 1/2 UNIT.

05260	LAB		ARR				

MET E 492 SEMINAR ON SURFACES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05261	CONF		ARR				EHRLICH

MET E 493 SEMINAR ON ANELASTICITY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05262	CONF	A	ARR				WERT
05263	CONF	B	ARR				PUGH
05264	CONF	C	ARR				ROWLAND
05265	CONF	D	ARR				ALTSTETTER
05266	CONF	E	ARR				BIRNBAUM
05267	CONF	F	ARR				LAWRENCE
05268	CONF	G	ARR				

MET E 494 SEMINAR ON PHASE TRANSFORMATIONS IN METALS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05269	CONF	A	4	TU	305	M M B	WAYMAN
05270	CONF	B	4	TH	305	M M B	LIEBERMAN

MET E 495 SEMINAR ON DIFFUSION AND IMPERFECTIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05271	CONF		ARR				METZGER

MET E 497 SEMINAR ON ALLOY PHASES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05272	CONF		3	F	305	M M B	BECK

MET E 498 COLLOQUIUM IN PHYSICAL METALLURGY.
REQUIRED OF ALL GRADUATE STUDENTS IN METALLURGICAL ENGINEERING.
0 CREDIT.

05273	LECT		4	W	119	M M B	

MET E 499 THESIS RESEARCH.
0 TO 4 UNITS.

05274	CONF		ARR				

DEPARTMENT OFFICE 131 BUR HALL

MAJOR: BIOLOGY 110-111 AND TWENTY HOURS OF MICROBIOLOGY COURSES INCLUDING MICROBIOLOGY 200-201. BIOLOGY 210 AND 211 MAY BE SUBSTITUTED FOR MICROBIOLOGY COURSES. IN ADDITION, QUANTITATIVE AND ORGANIC CHEMISTRY, MATHEMATICS THROUGH TRIGONOMENTRY AND ONE YEAR OF PHYSICS ARE REQUIRED. CREDIT MUST ALSO BE PRESENTED IN ONE COURSE TO BE SELECTED FROM CALCULUS, STATISTICS, OR COMPUTER SCIENCE, AND ONE COURSE TO BE SELECTED FROM PHYSICAL CHEMISTRY OR BIOCHEMISTRY.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, BIOLOGY, BOTANY, CHEMISTRY, ENTOMOLOGY, MATHEMATICS, PHYSICS, PHYSIOLOGY, AND ZOOLOGY. NO COURSE MAY APPLY TO BOTH THE MAJOR AND THE MINOR.

MCBIO 100 INTRODUCTORY MICROBIOLOGY.
*CREDIT IS NOT GIVEN FOR MORE THAN ONE OF MCBIO. 100 AND MCBIO. 113 AND MCBIO. 200.
*3 HOURS.

05275	LECT		2	M W F	151	E E 6		HELM

MCBIO 101 INTRODUCTORY EXPERIMENTAL MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 100.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 101 AND 201.
*2 HOURS.
THE COURSE TERMINATES AT MID-SEMESTER.

05276	LAB		ARR			BUR HALL	STARR AND
05277	CONF	A	10	M	242	BUR HALL	ASSISTANTS
05278	CONF	B	11	M	242	BUR HALL	
05279	CONF	C	10	TU	242	BUR HALL	
05280	CONF	D	11	TU	242	BUR HALL	

MCBIO 113 MAN AND MICROBES.
*CREDIT IS NOT GIVEN FOR MORE THAN ONE OF MCBIO. 113 AND MCBIO. 100 AND MCBIO. 200.
*3 HOURS.

05281	LECT		8	M W F	124	BUR HALL	KALLIO

MCBIO 200 MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY.
*CREDIT IS NOT GIVEN FOR MORE THAN ONE OF MCBIO. 200 AND MCBIO. 100 AND MCBIO. 113.
*3 HOURS.

05282	LECT		10	M W F	213	G H	WACHSMAN

MCBIO 201 EXPERIMENTAL MICROBIOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN MCBIO. 200 AND IN ORGANIC CHEMISTRY.
*CREDIT IS NOT GIVEN FOR BOTH MCBIO. 201 AND 101.
*3 TO 5 HOURS.

05283	LAB		ARR			BUR HALL	STARR
05284	CONF	A	10	TH	242	BUR HALL	AND
05285	CONF	B	11	TH	242	BUR HALL	ASSISTANTS

MCBIO 207 RESEARCH AND SPECIAL PROBLEMS.
PREREQUISITE: FIFTEEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 10 HOURS.
*3 TO 5 HOURS.

05286	LAB-DISC		ARR			BUR HALL	STAFF

MCBIO 309 COMPARATIVE MICROBIAL CHEMISTRY.
PREREQUISITE: CHEM. 350 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.

05287	LECT		1	M W	140	BUR HALL	BRYANT

MCBIO 311 FOOD AND INDUSTRIAL MICROBIOLOGY.
PREREQUISITE: MCBIO. 101 OR 201 OR 309 OR EQUIVALENT AND CREDIT OR REGISTRATION IN ORGANIC CHEMISTRY, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

05288	LECT		9	M W F	124	BUR HALL	ORDAL

MCBIO 312 TECHNIQUES OF APPLIED MICROBIOLOGY.
PREREQUISITE: CREDIT OF REGISTRATION IN MCBIO. 311.
2 HOURS OR 1/2 UNIT.

05289	LAB		10-12	M W F	202	BUR HALL	ORDAL HELM AND ASSISTANTS

MCBIO 327 IMMUNOCHEMISTRY.
PREREQUISITE: CREDIT OR REGISTRATION IN BIOCHEMISTRY OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

05290	LECT		10	TU TH	140	BUR HALL	VOSS AND
			11	S	140	BUR HALL	ASSISTANTS
05291	LAB	A	1-4	M W	202	BUR HALL	
05292	LAB	B	1-4	TU TH	202	BUR HALL	

MCBIO 330 MOLECULAR BIOLOGY OF MICROORGANISMS.
PREREQUISITE: MCBIO. 200 OR EQUIVALENT, AND CREDIT OR CONCURRENT REGISTRATION IN BIOCHEMISTRY.
3 HOURS OR 3/4 UNIT.

05293	LECT		11	M W F	140	BUR HALL	BIRNBAUM

MCBIO 331 MICROBIAL PHYSIOLOGY AND ANATOMY.
PREREQUISITE: MCBIO. 200 OR EQUIVALENT AND CHEM. 350 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

05294	LECT		8	TU TH S	140	BUR HALL	DEMOSS

MCBIO 352 VIRUSES. II.
SAME AS BOT. AND ZOOL. 352.
PREREQUISITE: BOT./MCBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR; BIOCHEMISTRY AND CALCULUS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

05295	LECT		9	M W F	140	BUR HALL	BLACK, MACLEOD REICHMAN

MCBIO 402 MOLECULAR GENETICS: CHROMOSOME MECHANICS.
SAME AS BOT. AND ZOOL. 402.
PREREQUISITE: MCBIO. 316 AND 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

05296	LECT		10	M W F	231	N H P	CARL

MCBIO 412 ADVANCES IN MICROBIOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF 1 UNIT.
*1/4 UNIT.

05297	CONF		ARR			BUR HALL	STAFF

MCBIO 419 ANIMAL VIROLOGY.
SAME AS V. M. S. 419.
PREREQUISITE: MCBIO. 326 AND 327 OR V. M. S. 331 AND 332; CHEM. 350 OR 354; CONSENT OF INSTRUCTOR.
3/4 UNIT.

05298	LAB-DISC		10-12	M W F	262	V M	MEYER

MCBIO 490 INDIVIDUAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

05299	LAB-DISC		ARR			BUR HALL	STAFF

MCBIO 495 SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS WHOSE MAJOR IS MICROBIOLOGY.
PREREQUISITE: TEN HOURS OF MICROBIOLOGY, CONSENT OF INSTRUCTOR.
0 OR 1/4 UNIT.

05300	CONF		4	TH	124	BUR HALL	STAFF

MCBIO 499 THESIS RESEARCH.
0 TO 4 UNITS.

05301	CONF		ARR			BUR HALL	STAFF

DEPARTMENT OFFICE 110 ARMORY

BASIC MILITARY CURRICULUM

ENTERING MALE STUDENTS WHO ARE PHYSICALLY QUALIFIED AND WHO HAVE BEEN SELECTED FOR ENROLLMENT MUST, IN ADDITION TO REQUIRED MILITARY SCIENCE COURSES, REGISTER IN EITHER A NATURAL SCIENCE OR SOCIAL SCIENCE GENERAL EDUCATION SEQUENCE ACCEPTABLE TO THE MILITARY SCIENCE DEPARTMENT AND THE STUDENTS COLLEGE.

MIL S 100 LEADERSHIP LABORATORY (FIRST SEMESTER FRESHMEN ONLY).
PREREQUISITE: APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05302	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
05303	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 102 MILITARY MAP AND AERIAL PHOTOGRAPH ANALYSIS.
PREREQUISITE: CREDIT OR REGISTRATION IN MIL. S. 101; REGISTRATION IN MIL. S. 125.
1 HOUR.

05304	LECT-DISC	A	1	M	300	ARMORY	MEREDITH
05305	LECT-DISC	B	9	W	300	ARMORY	MEREDITH
05306	LECT-DISC	C	10	TH	300	ARMORY	MEREDITH
05307	LECT-DISC	D	11	F	300	ARMORY	MEREDITH

MIL S 103 INTRODUCTION TO TACTICS.
PREREQUISITE: CREDIT OR REGISTRATION IN MIL. S. 101; REGISTRATION IN MIL. S. 125.
1 HOUR.

05308	LECT-DISC	A	11	M	313	ARMORY	YAMASHITA
05309	LECT-DISC	B	8	TU	313	ARMORY	YAMASHITA
05310	LECT-DISC	C	11	TH	313	ARMORY	YAMASHITA
05311	LECT-DISC	D	9	F	313	ARMORY	YAMASHITA

MIL S 111 UNITED STATES ARMY AND NATIONAL SECURITY (UNITED STATES DEFENSE ESTABLISHMENT, II).
CONCURRENT REGISTRATION IN MIL. S. 100 OR 125.
1 HOUR.

05312	LECT-DISC	A	9	M	300	ARMORY	MEREDITH
05313	LECT-DISC	B	1	W	300	ARMORY	MEREDITH
05314	LECT-DISC	C	9	TH	300	ARMORY	MEREDITH
05315	LECT-DISC	D	10	F	300	ARMORY	MEREDITH

MIL S 125 LEADERSHIP LABORATORY (SECOND SEMESTER FRESHMEN ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05316	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
05317	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 150 LEADERSHIP LABORATORY (FIRST SEMESTER SOPHOMORES ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05318	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
05319	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 175 LEADERSHIP LABORATORY (SECOND SEMESTER SOPHOMORES ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05320	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
05321	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

ADVANCED MILITARY CURRICULUM

SELECTED MALE STUDENTS WHO HAVE COMPLETED THE BASIC MILITARY COURSE OR ITS EQUIVALENT, AND WHO HAVE SATISFACTORILY PASSED PHYSICAL AND SCREENING EXAMINATIONS MAY APPLY FOR ENROLLMENT IN THE ADVANCED MILITARY CURRICULUM. EACH ADVANCED MILITARY CURRICULUM STUDENT IS PAID A SUBSISTENCE ALLOWANCE. HE MUST ATTEND ROTC SUMMER TRAINING CAMP BETWEEN HIS FIRST AND SECOND YEAR IN THE ADVANCED PROGRAM. SUCCESSFUL COMPLETION OF THE CURRICULUM BY SELECTED STUDENTS NORMALLY RESULTS IN A COMMISSION AS A SECOND LIEUTENANT. U. S. ARMY RESERVE. SELECTED STUDENTS MEETING THE REQUIREMENTS MAY BE COMMISSIONED IN THE REGULAR ARMY.

STUDENTS ENROLLED IN THE REQUIRED MILITARY SCIENCE COURSES MUST, IN ADDITION, ENROLL IN THE THIRD AND IN THE FOURTH YEAR IN AN APPROVED COURSE OF ANOTHER DEPARTMENT. SELECTION OF THESE COURSES MUST BE APPROVED BY THE MILITARY SCIENCE DEPARTMENT ADVISOR AND BE ACCEPTABLE TO THE STUDENTS MAJOR DEPARTMENT.

MIL S 200 LEADERSHIP LABORATORY (FIRST SEMESTER JUNIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05322	LAB	A	7PM	TH	101	ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR		STAFF
05323	LAB	*B	7PM	TH	101	ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR		STAFF

MIL S 202 INTRODUCTORY MILITARY OPERATIONS. (FUNDAMENTALS AND DYNAMICS OF THE MILITARY TEAM. I).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE:
REGISTRATION IN MIL. S. 200 OR 225.
3 HOURS.

05324	LECT-DISC	A	10	M W F	313	ARMORY	STAFF
05325	LECT-DISC	B	2	M W F	313	ARMORY	STAFF
05326	LECT-DISC	C	9	TU	313	ARMORY	STAFF
		C	9-11	TH	313	ARMORY	STAFF
05327	LECT-DISC	D	1-3	TU	313	ARMORY	STAFF
		D	1	TH	313	ARMORY	STAFF

MIL S 210 MILITARY LAW AND ADMINISTRATIVE MANAGEMENT.
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE:
REGISTRATION IN MIL. S. 250 OR 275.
1 HOUR.

05328	LECT-DISC	A	9	M	313	ARMORY	OSBURN
05329	LECT-DISC	B	10	TU	313	ARMORY	OSBURN
05330	LECT-DISC	C	1	W	313	ARMORY	OSBURN
05331	LECT-DISC	D	11	F	313	ARMORY	OSBURN

MIL S 211 PROSEMINAR.
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE:
REGISTRATION IN MIL. S. 250 OR 275.
2 HOURS.

05332	LECT-DISC	A	11	M	300	ARMORY	TANNER
		A	7-9PM	TU	101	ARMORY	TANNER
05333	LECT-DISC	B	9	TU	300	ARMORY	TANNER
		B	7-9PM	TU	101	ARMORY	TANNER
05334	LECT-DISC	C	10	W	300	ARMORY	TANNER
		C	7-9PM	TU	101	ARMORY	TANNER
05335	LECT-DISC	D	9	F	300	ARMORY	TANNER
		D	7-9PM	TU	101	ARMORY	TANNER

MIL S 225 LEADERSHIP LABORATORY (SECOND SEMESTER JUNIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05336	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
05337	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 250 LEADERSHIP LABORATORY (FIRST SEMESTER SENIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05338	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
05339	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MIL S 275 LEADERSHIP LABORATORY (SECOND SEMESTER SENIORS ONLY).
PREREQUISITE: APPROVAL OF PROFESSOR OF MILITARY SCIENCE.
FIELD TRIPS MAY BE REQUIRED.
0 CREDIT.
ATTENDANCE AT TWO CEREMONIES IS REQUIRED.
TIME AND DATE OF CEREMONIES TO BE ANNOUNCED.
*SECTION B FOR SPECIAL FORCES ONLY.

05340	LAB	A	7PM	TH	101 ARMORY	STAFF
		A	7PM	TH	ARMORY FLOOR	STAFF
05341	LAB	*B	7PM	TH	101 ARMORY	STAFF
		*B	7PM	TH	ARMORY FLOOR	STAFF

MINING ENGINEERING

DEPARTMENT OFFICE 201 M M B

MIN E 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

05342	CONF				ARR

MIN E 202 POLITICAL, ECONOMIC AND ENVIRONMENTAL ASPECTS OF MINERALS AND THEIR UTILIZATION.
PREREQUISITE: ECON. 138 OR PERMISSION OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

05343	LECT-DISC	1	M W F	110	M E B

MIN E 351 GEOPHYSICAL PROSPECTING.
SAME AS GEOL. 351.
PREREQUISITE: SENIOR STANDING IN ENGINEERING OR GEOLOGY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 3/4 OR 1 UNIT.

05344	LECT-DISC	9	M W F	403	M M B

MIN E 393 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 HOURS, OR 0 TO 1 UNIT.

05345	CONF				ARR

MIN E 497 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 2 UNITS.

05346	DISC				ARR

MIN E 499 THESIS RESEARCH.
0 TO 4 UNITS.

05347	CONF				ARR

MODERN GREEK

DEPARTMENT OFFICE 309H D H

M GRK 202 ELEMENTARY MODERN GREEK. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
5 HOURS.
OPEN TO FRESHMEN.

05348	LECT-DISC	B	MTUWTHF	1110	F L B		PAPANIKOLAOU

M GRK 304 INTERMEDIATE MODERN GREEK. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR ONE HOUR OF WORK WEEKLY IN THE LANGUAGE LABORATORY.
PREREQUISITE: M. GRK. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

05349	LECT-DISC	9	M W F	G52	F L B		PAPANIKOLAOU
		9-11	TH	374	L H		

MODERN HEBREW

DEPARTMENT OFFICE 309H D H

M HBR 202 ELEMENTARY MODERN HEBREW. II.
PREREQUISITE: M. HBR. 201.
5 HOURS.
STUDENTS MUST REGISTER FOR ONE DISCUSSION AND ONE HOUR OF LANGUAGE LABORATORY.
OPEN TO FRESHMEN.

05350	DISC	A	9-11	M W	19S	N L	BOLOZKY/STAFF
05351	DISC	B	3-5	M W	G46	F L B	BOLOZKY/STAFF
05352	DISC	C	10-12	TU TH	1136	F L B	BOLOZKY/STAFF

M HBR 304 INTERMEDIATE MODERN HEBREW. II.
PREREQUISITE: M. HBR. 303 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

05353	LECT-DISC	9-11	TU TH	G18	F L B		BOLOZKY/STAFF

M HBR 306 ADVANCED MODERN HEBREW. II.
PREREQUISITE: M. HBR. 305 OR EQUIVALENT.
5 HOURS OR 1 UNIT.
OPEN TO FRESHMEN.

05354	LECT-DISC	3-5	M W	1018	F L B		BOLOZKY/STAFF

DEPARTMENT OFFICE 100 S M H

MUSIC 100 RUDIMENTS OF THEORY.
2 HOURS.

05355	LECT-DISC	A	8	M W F	106	S M H			SEKON
05356	LECT-DISC	B	9	M W F	106	S M H			SEKON
05357	LECT-DISC	C	11	M W F	106	S M H			BRUCE

MUSIC 101 THEORY OF MUSIC. I.
PREREQUISITE: FOR NON-MUSIC STUDENTS. MUSIC 100 OR EQUIVALENT.
3 HOURS.
*ADDITIONAL ONE-HALF HOUR LAB SESSIONS TO BE ARRANGED DAILY.

05358	LECT-DISC	A	*8	MTUWTHF	8	S A			MORGAN
05359	LECT-DISC	B	*9	MTUWTHF	103	S M H			MORGAN

MUSIC 102 THEORY OF MUSIC. II.
PREREQUISITE: MUSIC 101.
3 HOURS.

05360	LECT-DISC	A	8	M W F	103	S M H			THOMPSON
05361	LECT-DISC	B	9	M W F	100	S H			BLATTER
05362	LECT-DISC	C	10	M W F	8	S A			NEWELL
05363	LECT-DISC	D	1	M W F	8	S A			MORGAN
05364	LECT-DISC	E	2	M W F	103	S M H			NEWELL
05365	LECT-DISC	F	3	M W F	106	S M H			BRUCE
05366	LECT-DISC	G	8	M W F	104	1203W NEV			EBERHARD

MUSIC 103 THEORY OF MUSIC. III.
PREREQUISITE: MUSIC 102.
3 HOURS.

05367	LECT-DISC	A	9	M W F	8	S A			DARCY
05368	LECT-DISC	B	3	M W F	103	S M H			SARGENT

MUSIC 104 THEORY OF MUSIC. IV.
PREREQUISITE: MUSIC 103.
3 HOURS.

05369	LECT-DISC	A	8	M W F	102	S H			WRIGHT
05370	LECT-DISC	B	9	M W F	102	S H			BRUCE
05371	LECT-DISC	C	10	M W F	102	S H			BLATTER
05372	LECT-DISC	D	1	M W F	100	S H			STEIN
05373	LECT-DISC	E	2	M W F	100	S H			JOHNSTON
05374	LECT-DISC	F	3	M W F	8	S A			GOODKIN

MUSIC 106 COMPOSITION.
PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM
OR CONSENT OF COMPOSITION FACULTY.
2 HOURS.

05375	CONF	A	ARR		302	S H			BRUN
05376	CONF	B	ARR		202	T A			JOHNSTON
05377	CONF	C	ARR		200	T A			KELLY
05378	CONF	D	ARR		206	T A			LONDON
05379	CONF	E	ARR		206	T A			MARTIRANO
05380	CONF	F	ARR		205	T A			POWELL
05381	CONF	G	ARR		206	T A			ZONN

MUSIC 107 EAR TRAINING. SIGHT SINGING. AND KEYBOARD HARMONY. I.
PREREQUISITE: MUSIC 101.
1 HOUR.

05382	LAB-DISC	A	8	TU TH	103	S M H			THOMPSON
05383	LAB-DISC	B	9	TU TH	100	S H			BLATTER
05384	LAB-DISC	C	10	TU TH	8	S A			NEWELL
05385	LAB-DISC	D	1	TU TH	8	S A			MORGAN
05386	LAB-DISC	E	2	TU TH	103	S M H			NEWELL
05387	LAB-DISC	F	3	TU TH	106	S M H			BRUCE
05388	LAB-DISC	G	8	TU TH	104	1203W NEV			EBERHARD

MUSIC 108 EAR TRAINING. SIGHT SINGING. AND KEYBOARD HARMONY. II.
PREREQUISITE: MUSIC 107.
1 HOUR.

05389	LAB-DISC	A	9	TU TH	8	S A			DARCY
05390	LAB-DISC	B	3	TU TH	103	S M H			SARGENT

MUSIC 109 EAR TRAINING, SIGHT SINGING AND KEYBOARD HARMONY, III.
PREREQUISITE: MUSIC 108.
1 HOUR.

05391	LAB-DISC	A	8	TU TH	102	S H		WRIGHT
05392	LAB-DISC	B	9	TU TH	102	S H		BRUCE
05393	LAB-DISC	C	10	TU TH	102	S H		SARGENT
05394	LAB-DISC	D	1	TU TH	100	S H		STEIN
05395	LAB-DISC	E	2	TU TH	100	S H		JOHNSTON
05396	LAB-DISC	F	3	TU TH	8	S A		GOODKIN

MUSIC 110 BASIC MUSIC LITERATURE.
REQUIRED OF FRESHMEN IN MUSIC.
2 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

05397	LECT		10	M W	104	1203W	NEV	HOCK
05398	QUIZ	A	7PM	TU TH	100	S H		
05399	QUIZ	B	8PM	M W	116	1203W	NEV	

MUSIC 115 INTRODUCTION TO OPERA.
PREREQUISITE: SOPHOMORE STANDING.
2 HOURS.

05400	LECT-DISC	A	2	M W	104	1203W	NEV	BYRNSIDE

MUSIC 130 INTRODUCTION TO THE ART OF MUSIC, I.
FOR NON-MUSIC STUDENTS ONLY.
4 HOURS.
STUDENTS IN LECTURE A1 MUST REGISTER FOR ONE QUIZ, A THRU E.
STUDENTS IN LECTURE B1 MUST REGISTER FOR ONE QUIZ, F THRU I.

05401	LECT	A1	11	M W F	25	S M H		HOCK
05407	LECT	B1	4	M W F	25	S M H		BATSTONE
05402	QUIZ	A	4	M W	103	S M H		
05403	QUIZ	B	4	TU TH	103	S M H		
05404	QUIZ	C	2	M W	102	S H		
05405	QUIZ	D	12	M W	104	1203W	NEV	
05406	QUIZ	E	12	TU TH	104	1203W	NEV	
05408	QUIZ	F	7PM	M W	100	S H		
05409	QUIZ	G	7PM	TU TH	102	S H		
05410	QUIZ	H	11	M W	103	S M H		
05411	QUIZ	I	11	TU TH	104	1203W	NEV	

MUSIC 131 INTRODUCTION TO THE ART OF MUSIC, II.
FOR NON-MUSIC STUDENTS ONLY.
PREREQUISITE: MUSIC 130.
4 HOURS.
NOTE: STUDENTS IN LECTURE A1 MUST REGISTER IN ONE QUIZ, A THRU D:
THOSE IN LECTURE B1 MUST REGISTER IN ONE QUIZ, E THRU H.

05412	LECT	A1	9	M W F	25	S M H		BYRNSIDE
05417	LECT	B1	2	M W F	25	S M H		WARD
05413	QUIZ	A	7PM	M W	104	1203W	NEV	
05414	QUIZ	B	7PM	TU TH	104	1203W	NEV	
05415	QUIZ	C	11	M W	116	1203W	NEV	
05416	QUIZ	D	11	TU TH	116	1203W	NEV	
05418	QUIZ	E	8PM	M W	104	1203W	NEV	
05419	QUIZ	F	12	M W	106	S M H		
05420	QUIZ	G	12	TU TH	106	S M H		
05421	QUIZ	H	8PM	TU TH	104	1203W	NEV	

MUSIC 142 ELEMENTS OF CONDUCTING.
PREREQUISITE: SOPHOMORE STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
2 HOURS.

05422	LECT-DISC	A	9	M W F	167	BAND		
05423	LECT-DISC	B	2	M W F	167	BAND		PAINTER
05424	LECT-DISC	C	10	M W F	116	1203W	NEV	BERGETHON

MUSIC 165 CLASS INSTRUCTION IN VOICE.
FOR MUSIC AND EDUCATION STUDENTS ONLY.
2 HOURS.

05425	LAB-DISC	A	9	TU TH	116	1203W	NEV	W. STONE
05426	LAB-DISC	B	2	TU TH	106	S M H		CRAWFORD
05427	LAB-DISC	C	10	TU TH	203	S M H		BAILEY
05428	LAB-DISC	D	10	M W	103	S M H		R. STONE
05429	LAB-DISC	E	1	TU TH	25	S M H		STEPHENS

MUSIC 166 ENGLISH DICTION.
PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR.
CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

05430	CONF	A	ARR		203	S	M	H	BAILEY
05431	CONF	B	ARR		210	S	M	H	ELYN
05432	CONF	C	ARR		202	S	M	H	
05433	CONF	D	ARR		211	S	M	H	HEDLUND
05434	CONF	E	ARR		202	S	M	H	NOTH
05435	CONF	F	ARR		200A	S	M	H	W. MILLER
05436	CONF	G	ARR		200B	S	M	H	BURDETTE
05437	CONF	H	ARR		210	S	M	H	REYNOLDS
05438	CONF	I	ARR		210	S	H		WILSON
05439	CONF	J	ARR		206	S	H		CRAWFORD
05440	CONF	K	ARR		203	S	H		ROGERS

MUSIC 167 ITALIAN DICTION.
PREREQUISITE: FRESHMAN STANDING IN VOICE OR CONSENT OF INSTRUCTOR.
CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

05441	LAB-DISC	A	10	M W	210	S	M	H	REYNOLDS
05442	LAB-DISC	B	2	TU TH	210	S	M	H	REYNOLDS

MUSIC 168 GERMAN DICTION.
PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR.
CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

05443	LAB-DISC	A	2	TU TH	25	S	M	H	ELYN

MUSIC 169 FRENCH DICTION.
PREREQUISITE: SOPHOMORE STANDING IN VOICE OR CONSENT OF INSTRUCTOR.
CONCURRENT REGISTRATION IN MUSIC 181.
1 HOUR.

05444	LAB-DISC	A	10	TU TH	103	S	M	H	NOTH

SUPPLEMENTARY INSTRUMENTS
(MUSIC 170 THROUGH 177)

NOTE: THESE COURSES ARE OPEN AS ELECTIVE TO STUDENTS FROM OTHER COLLEGES. IN COURSES INVOLVING TWO INSTRUMENTS, TWO DAYS A WEEK ARE SPENT ON EACH INSTRUMENT FOR THE ENTIRE SEMESTER. PREREQUISITE FOR ALL NON-MUSIC STUDENTS: CONSENT OF INSTRUCTOR.

MUSIC 170 STRING INSTRUMENTS.
PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A IS FOR BEGINNERS. SECTION B IS FOR ADVANCED STUDENTS.

05445	LAB-DISC	*A	9	MTUWTHF	5	S	M	H	KROLICK AND
05446	LAB-DISC	*B	10	MTUWTHF	5	S	M	H	D. MILLER

MUSIC 171 CLARINET.
2 HOURS.

05447	LAB-DISC	A	8	MTUWTHF	5	S	M	H	KNIGHT

MUSIC 172 CORNET OR TRUMPET.
2 HOURS.

05448	LAB-DISC	A	8	MTUWTHF	14	S	M	H	TASA
05449	LAB-DISC	B	9	MTUWTHF	14	S	M	H	SEEMAN

MUSIC 173 FLUTE AND SAXOPHONE.
PREREQUISITE: MUSIC 171.
2 HOURS.

05450	LAB-DISC	A	10	MTUWTHF	10	S	M	H	COGGINS, PITZ

MUSIC 174 FRENCH HORN AND PERCUSSION.
PREREQUISITE: MUSIC 172.
2 HOURS.

05451	LAB-DISC	A	10	MTUWTHF	4	S	M	H	HOLDEN AND FAIRCHILD

MUSIC 175 TROMBONE, BARITONE, AND TUBA.
PREREQUISITE: MUSIC 172.
2 HOURS.

05452	LAB-DISC	A	8	MTUWTHF	25	S	M	H	PERANTONI

MUSIC 176 OBOE AND BASSOON.
PREREQUISITE: MUSIC 171.
2 HOURS.

05453	LAB-DISC	A	1	MTUWTHF	2	S M H		BERRY AND EDLEFSEN

MUSIC 177 CLASS PIANO INSTRUCTION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.
*FOR NON-MUSIC STUDENTS ONLY
SECTIONS C, H THROUGH J: LEVEL ONE.
SECTIONS A, B, D THROUGH G: LEVEL TWO.
SECTIONS K THROUGH P: LEVEL THREE.
SECTIONS Q THROUGH W: LEVEL FOUR.

05461	LAB-DISC	*A	11	TU TH	5	P A		MARSHALL
05466	LAB-DISC	B	1	TU TH	5	P A		ELLISTON
05462	LAB-DISC	*C	11	M W	5	P A		BERENSON
05467	LAB-DISC	D	9	TU TH	5	P A		LYKE
05468	LAB-DISC	E	9	M W	5	P A		ELLISTON
05469	LAB-DISC	F	1	M W	5	P A		ELLISTON
05470	LAB-DISC	G	2	M W	5	P A		BERENSON
05463	LAB-DISC	H	10	TU TH	106	P A		MARSHALL
05464	LAB-DISC	I	10	TU TH	3	P A		BERENSON
05465	LAB-DISC	J	12	M W	106	P A		M. BLATTER
05471	LAB-DISC	K	9	M W	3	P A		MARSHALL
05472	LAB-DISC	L	2	M W	3	P A		MARSHALL
05473	LAB-DISC	M	1	TU TH	3	P A		BERENSON
05474	LAB-DISC	N	10	M W	3	P A		ELLISTON
05475	LAB-DISC	O	3	TU TH	106	P A		LYKE
05476	LAB-DISC	P	9	TU TH	106	P A		BERENSON
05454	LAB-DISC	Q	2	TU TH	3	P A		LYKE
05455	LAB-DISC	R	10	M W	106	P A		MARSHALL
05456	LAB-DISC	S	1	M W	3	P A		MARSHALL
05457	LAB-DISC	T	12	TU TH	106	P A		M. BLATTER
05458	LAB-DISC	U	1	TU TH	106	P A		HARTMAN
05459	LAB-DISC	V	9	M W	106	P A		HARTMAN
05460	LAB-DISC	W	1	M W	106	P A		HARTMAN

APPLIED MUSIC
(MUSIC 178 THROUGH 198)

NOTE: STUDENTS IN MUSIC CURRICULA RECEIVE THREE OR FOUR HOURS FOR THEIR MAJOR OR PRINCIPAL SUBJECT.

AS A PART OF THE REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE, SENIOR STUDENTS MUST PRESENT A PUBLIC RECITAL WHICH MEETS WITH SCHOOL OF MUSIC FACULTY APPROVAL AND CONFORMS WITH DEPARTMENTAL REQUIREMENTS.

MUSIC STUDENTS RECEIVE TWO HOURS CREDIT FOR THEIR MINOR OR SECONDARY SUBJECT.

STUDENTS FROM OTHER COLLEGE RECEIVE TWO HOURS CREDIT FOR WORK IN APPLIED MUSIC IF IN ACCORDANCE WITH THE REGULATIONS OF THEIR COLLEGE.
PASSING OF A PERFORMING EXAMINATION IS REQUIRED AS A PREREQUISITE TO THE INITIAL REGISTRATION IN ANY APPLIED MUSIC COURSE.

MUSIC 178 GUITAR.
PREREQUISITE: QUALIFYING EXAMINATION IN PERFORMANCE OR CONSENT OF INSTRUCTOR.
2 OR 4 HOURS.

05477	CONF	A	ARR		204	S H		TAN

MUSIC 179 HARPSICHORD.
2 OR 4 HOURS.

05478	CONF	A	ARR		101	S M H		HUNTER

MUSIC 180 PIANO.
2 OR 4 HOURS.

05479	CONF	A	ARR	112	S M H	KARP
05480	CONF	B	ARR	204	S M H	RICHARDS
05481	CONF	C	ARR	206	S M H	DAVIS
05482	CONF	E	ARR	201	S M H	SANDERS
05483	CONF	F	ARR	205	S M H	HEILES
05484	CONF	G	ARR	209	S M H	SHAPIRO
05485	CONF	H	ARR	205	S H	HABERKORN
05486	CONF	I	ARR	109	P A	KEASEY
05487	CONF	J	ARR	104	P A	HESLA
05488	CONF	K	ARR	104	P A	JAMES
05489	CONF	L	ARR	205	S H	SPENCER

MUSIC 181 VOICE.
2 OR 3 HOURS.

05490	CONF	A	ARR	203	S M H	BAILEY
05491	CONF	B	ARR	207	S M H	ELYN
05492	CONF	C	ARR	202	S H	W. STONE
05493	CONF	D	ARR	211	S M H	HEDLUND
05494	CONF	E	ARR	202	S M H	NOTH
05495	CONF	F	ARR	200A	S M H	W. MILLER
05496	CONF	G	ARR	200B	S M H	BURDETTE
05497	CONF	H	ARR	210	S M H	REYNOLDS
05498	CONF	I	ARR	210	S H	WILSON
05499	CONF	J	ARR	206	S H	CRAWFORD
05500	CONF	K	ARR	203	S H	ROGERS
05501	CONF	L	ARR	203	S H	BROWN
05502	CONF	M	ARR	201	S H	R. STONE
05503	CONF	N	ARR	202	S H	R. STONE

MUSIC 182 ORGAN.
2 OR 4 HOURS.

05504	CONF	A	ARR	200	S M H	PETTINGA
05505	CONF	B	ARR	200	S M H	HAMILTON
05506	CONF	C	ARR	105	S M H	STEVENS

MUSIC 183 VIOLIN.
2 OR 4 HOURS.

05507	CONF	A	ARR	202	S A	ROLLAND
05508	CONF	B	ARR	208	S A	SCHMITT
05509	CONF	C	ARR	205	S A	FARMER

MUSIC 184 VIOLA.
2 OR 4 HOURS.

05510	CONF	A	ARR	203	S A	PERICH

MUSIC 185 CELLO.
2 OR 4 HOURS.

05511	CONF	A	ARR	201	S A	SWENSON
05512	CONF	B	ARR	105	S A	FARRELL

MUSIC 186 STRING BASS.
2 OR 4 HOURS.

05513	CONF	A	ARR	9	S M H	KROLICK

MUSIC 187 FLUTE.
2 OR 4 HOURS.

05514	CONF	A	ARR	2-122	KRAN PERF	DELANEY
05515	CONF	B	ARR	12	S M H	TESSIN
05516	CONF	C	ARR	12	S M H	PITZ

MUSIC 188 CLARINET.
2 OR 4 HOURS.

05517	CONF	A	ARR	11	S M H	MCDOWELL
05518	CONF	B	ARR	12	S M H	COGGINS
05519	CONF	C	ARR	12	S M H	KNIGHT

MUSIC 189 OBOE.
2 OR 4 HOURS.

05520	CONF	A	ARR	2	S M H	EDLEFSEN

MUSIC 190 BASSOON.
2 OR 4 HOURS.

05521	CONF	A	ARR	105	S H	BERRY

MUSIC 191 CORNET AND TRUMPET.
2 OR 4 HOURS.

05522	CONF	A	ARR	14	S M H		SEXTON
05523	CONF	B	ARR	12	S M H		SEEMAN
05524	CONF	C	ARR	12	S M H		TASA

MUSIC 192 FRENCH HORN.
2 OR 4 HOURS.

05525	CONF	A	ARR	4	S M H		HOLDEN

MUSIC 193 TROMBONE.
2 OR 4 HOURS.

05526	CONF	A	ARR	8	S M H		GRAY
05527	CONF	B	ARR	8	S M H		SENFF

MUSIC 194 BARITONE.
2 OR 4 HOURS.

05528	CONF	A	ARR	206	P A		PERANTONI

MUSIC 195 TUBA.
2 OR 4 HOURS.

05529	CONF	A	ARR	206	P A		PERANTONI

MUSIC 196 PERCUSSION.
2 TO 4 HOURS.

05530	CONF	A	ARR	6	S M H		SIWE
05531	CONF	B	ARR	6	S M H		FAIRCHILD

MUSIC 197 HARP.
2 OR 4 HOURS.

05532	CONF	A	ARR				

MUSIC 198 SAXOPHONE.
2 OR 4 HOURS.

05533	CONF	A	ARR	10	S M H		COGGINS

MUSIC 200 INSTRUMENTATION. I.
PREREQUISITE: SENIOR STANDING IN MUSIC.
2 HOURS.

05534	LECT-DISC	A	10	TU TH	100	S H	POWELL
05535	LECT-DISC	B	2	TU TH	116	1203W NEV	MORGAN

MUSIC 201 INSTRUMENTATION. II.
REQUIRED OF COMPOSITION MAJORS.
PREREQUISITE: MUSIC 200 OR CONSENT OF INSTRUCTOR.
2 HOURS.

05536	CONF	A	ARR				COMPOSITION FACULTY

MUSIC 214 THE HISTORY OF MUSIC. II.
REQUIRED OF SOPHOMORES IN MUSIC.
PREREQUISITE: MUSIC 213.
3 HOURS.
STUDENTS MUST REGISTER FOR THE LECTURE AND ONE QUIZ SECTION.

05537	LECT		1	M W F	25	S M H	BYRNSIDE
05538	QUIZ	A	8	M W	116	1203W NEV	
05539	QUIZ	B	8	TU TH	106	S M H	
05540	QUIZ	C	7PM	M W	106	S M H	
05541	QUIZ	D	7PM	TU TH	106	S M H	

MUSIC 229 THESIS AND ADVANCED UNDERGRADUATE HONORS IN MUSIC.
PREREQUISITE: SENIOR STANDING IN THE HISTORY OF MUSIC OR COMPOSITION-THEORY, OR CONSENT OF INSTRUCTOR.
2 HOURS.
*HONORS SECTION.

05542	CONF	A	ARR				KELLY/BYRNSIDE AND STAFF
05543	CONF	*&B	ARR				

MUSIC 230 CHORAL LITERATURE AND CONDUCTING. I.
PREREQUISITE: MUSIC 142.
2 HOURS.

05544	LAB-DISC	A	10	M W F	CHOS RHRSL KRAN		WESTLUND
		A	11	M F	CHOS RHRSL KRAN		

MUSIC 231 CHORAL LITERATURE AND CONDUCTING, II.
PREREQUISITE: MUSIC 230.
2 HOURS.

05545	LAB-DISC	A	10	M W F	A ENSEMBLE KRAN			OLSON
		A	11	M F	CHOS RHRSL KRAN			
05546	LAB-DISC	B	10	M W F	B ENSEMBLE KRAN			GONZO
		B	11	M F	CHOS RHRSL KRAN			

MUSIC 233 INSTRUMENTAL LITERATURE AND CONDUCTING, II.
PREREQUISITE: MUSIC 142.
2 HOURS.

05547	LAB-DISC	A	10	M W	5	S M H		PAINTER
		A	3	TU THF	167	BAND		

MUSIC 240 MUSIC FOR ELEMENTARY TEACHERS, I.
PREREQUISITE: JUNIOR STANDING IN ELEMENTARY EDUCATION OR CONSENT OF INSTRUCTOR. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
3 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.

05548	LECT	A1	12	M	25	S M H		SMITH
05549	QUIZ	A	4	M W	102	S H		
05550	QUIZ	B	4	TU TH	100	S H		
05551	QUIZ	C	11	TU TH	100	S H		

MUSIC 241 MUSIC FOR ELEMENTARY TEACHERS, II.
PREREQUISITE: MUSIC 240. REQUIRED FOR STATE ELEMENTARY SCHOOL CERTIFICATE BUT NO CREDIT GRANTED IN SCHOOL OF MUSIC.
3 HOURS.
STUDENTS MUST REGISTER FOR ONE LECTURE AND ONE QUIZ SECTION.

05552	LECT	A1	12	W	25	S M H		SMITH
05553	QUIZ	A	3	M W	100	S H		
05554	QUIZ	B	3	TU TH	100	S H		
05555	QUIZ	C	3	TU TH	100	S H		
05556	QUIZ	D	3	TU TH	102	S H		
05557	QUIZ	E	4	M W	100	S H		
05558	QUIZ	F	4	TU TH	102	S H		

MUSIC 243 TEACHING MUSIC IN THE JUNIOR HIGH SCHOOL.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
3 HOURS.
*NOTE: ONE ADDITIONAL HOUR TO BE ARRANGED.

05559	LECT-DISC	A	*2	M W	116	1203W NEV		LEONHARD

MUSIC 244 TEACHING OF INSTRUMENTAL MUSIC.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.
*SECTION A--FOR THE INSTRUMENTAL EMPHASIS PROGRAM.
*SECTION B--FOR THE CHORAL EMPHASIS PROGRAM.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

05560	LAB-DISC	*A	2	MTUWTHF	5	S M H		PETERS
		*A	11	W	5	S M H		
05561	LAB-DISC	*B	1	MTUWTHF	5	S M H		PETERS
		*B	11	W	5	S M H		

MUSIC 245 CHORAL ARRANGING.
PREREQUISITE: JUNIOR STANDING IN MUSIC.
2 HOURS.

05562	LECT-DISC	A	1	TU TH	116	1203W NEV		CHRISTENSEN

MUSIC 246 TEACHING OF CHORAL MUSIC.
PREREQUISITE: JUNIOR STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
2 HOURS.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

05563	LAB-DISC	A	3	MTUWTHF	25	S M H		GONZO
		A	11	M F	CHOS RHRSL KRAN			

MUSIC 249 MUSIC FOR EARLY CHILDHOOD TEACHERS, II.
PREREQUISITE: MUSIC 248.
3 HOURS.

05564	LECT	A1	12	TU	25	S M H		SMITH
05565	QUIZ	A	11	TU TH	102	S H		
05566	QUIZ	B	2	TU TH	102	S H		

MUSIC 250 UNIVERSITY ORCHESTRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*SECTION B IS FOR UNIVERSITY-CIVIC ORCHESTRA AND WILL MEET FROM TWO TO FOUR ON SUNDAYS.

05567	PRACT	A	730PM	M		ORCH RHRSL KRAN	GOODMAN
		A	4		W F	ORCH RHRSL KRAN	GOODMAN
05568	PRACT	*B	2-4			ORCH RHRSL KRAN	DELANEY

MUSIC 251 CHAMBER ORCHESTRA.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05569	PRACT	A	11	M		ORCH RHRSL KRAN	GARVEY
		A	11		W F	A ENSEMBLE KRAN	

MUSIC 252 WIND ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05570	PRACT	A	11-1230		W F	ORCH RHRSL KRAN	GRAY

MUSIC 253 COLLEGIUM MUSICUM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05571	PRACT	A	ARR			101 S M H	HUNTER

MUSIC 254 STRING ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.

05572	PRACT	A	*ARR			9 S M H	KROLICK AND STRING FACULTY

MUSIC 255 WOODWIND ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05573	PRACT	A	11	M	W F	105A S H	BERRY AND WOODWIND FACULTY

MUSIC 256 BRASS ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05574	PRACT	A	11	M	W F	206 T A	PERANTONI AND BRASS FACULTY

MUSIC 257 PERCUSSION ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*CLASS MEETS AT 11 O CLOCK ON DAYS TO BE ARRANGED.

05575	PRACT	*A	ARR			6 S M H	SIWE AND FAIRCHILD

MUSIC 258 PIANO ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05576	PRACT	A	4-6	M		112 S M H	KARP

MUSIC 259 ORGAN KEYBOARD TECHNIQUES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 HOUR.

05577	CONF	A	ARR			200 S M H	HAMILTON AND PETTINGA

MUSIC 260 ORATORIO SOCIETY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
NOTE: OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.

05578	PRACT	A	8-950PM	TH		CHOS RHRSL KRAN	DECKER

MUSIC 261 UNIVERSITY CHORUS.
OPEN TO STUDENTS, FACULTY AND TOWNSPEOPLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*SECTION B IS FOR WOMEN ONLY. SECTION C IS FOR BLACK CHORUS.

05579	PRACT	A	630-8PM	M W	CHOS RHRSL KRAN			FILBECK
05581	PRACT	*B	4-530	TU TH	25	S M H		PENN
05582	PRACT	*C	8-10PM	W	25	S M H		RAY
05580	PRACT	D	2	M W F	CHOS RHRSL KRAN			KELLEY

MUSIC 262 WOMENS GLEE CLUB.
OPEN TO ALL WOMEN STUDENTS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05583	PRACT	A	4-530	TU TH	CHOS RHRSL KRAN			OLSON

MUSIC 263 MENS GLEE CLUB.
OPEN TO ALL MEN STUDENTS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05584	PRACT	A	630-8PM	TU TH	CHOS RHRSL KRAN			OLSON

MUSIC 264 UNIVERSITY CHOIR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.

05585	PRACT	A	4-515	M W F	CHOS RHRSL KRAN			DECKER

MUSIC 265 OPERA WORKSHOP AND ENSEMBLE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*SECTION B IS FOR OPERA CHORUS.

05586	PRACT	A	3-6	TU TH	OPERA RHRS KRAN			LLOYD/ASLANIAN
05587	PRACT	*B	4-530	TU TH	B ENSEMBLE KRAN			LLOYD/ASLANIAN

MUSIC 266 JAZZ BAND.
PREREQUISITE: CONSENT OF INSTRUCTOR, DETERMINED BY AUDITIONS.
1/2 HOUR.

05588	PRACT	A	9-1030	W F	ORCH RHRSL KRAN			GARVEY
		A	10	TU TH	ORCH RHRSL KRAN			
05589	PRACT	B	6PM	M	A ENSEMBLE KRAN			GARVEY
		B	6PM	TH	OPERA RHRS KRAN			
		B	6PM	W F	ORCH RHRSL KRAN			
05590	PRACT	C	ARR		ORCH RHRSL KRAN			GARVEY
05591	PRACT	D	1	MTUWTHF	ORCH RHRSL KRAN			GARVEY
05592	PRACT	E	2	MTUWTHF	ORCH RHRSL KRAN			GARVEY

MUSIC 267 HARP ENSEMBLE.
PREREQUISITE: MUSIC 197 AND/OR 397.
1/2 HOUR.

05593	CONF		ARR					

MUSIC 268 SMALL CHORAL ENSEMBLES.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 HOUR.
*SECTION A IS FOR CHAMBER CHOIR. SECTION B IS FOR SMALL ENSEMBLES.

05594	PRACT	*A	12	M W F	CHOS RHRSL KRAN			J. SMITH
05595	PRACT	*B	ARR		4-133 KRAN PERF			CHORAL STAFF

MUSIC 269 MUSIC CONVOCATIONS AND CONCERTS.
0 CREDIT.
*EVENING CONCERTS TO BE ARRANGED.

05596	LAB	B	*11	TH	RECITAL HALL			

MUSIC 301 FUGUE.
PREREQUISITE: MUSIC 300 AND/OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05597	LECT-DISC	A	1	M W F	104	1203W NEV		HUNTER
05598	LECT-DISC	B	2	M W F	8	S A		MORGAN
05599	LECT-DISC	C	3	M W F	116	1203W NEV		NEWELL

MUSIC 303 MUSICAL ACOUSTICS. II.
PREREQUISITE: MUSIC 302 AND/OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

05600	LAB-DISC	A	1	M W	102	S H		BEAUCHAMP

MUSIC 304 CONTEMPORARY COMPOSITIONAL TECHNIQUES.
PREREQUISITE: MUSIC 104, 106, 109, OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*SECTION A: COMPOSITION FOR TAPE.
*SECTION B: SERIAL TECHNIQUES.
*SECTION C: COMPOSITION FOR JAZZ GROUPS.
*SECTION D: COMPOSITION FOR AD HOC ENSEMBLES.

05601	LECT-DISC	*A	ARR	302	S H		BRUN
05602	LECT-DISC	*B	ARR	206	T A		MARTIRANO
05603	LECT-DISC	*C	ARR	205	T A		POWELL
05604	LECT-DISC	*D	ARR	206	T A		ZONN

MUSIC 306 COMPOSITION.
PREREQUISITE: LIMITED TO STUDENTS IN COMPOSITION MAJOR CURRICULUM OR CONSENT OF COMPOSITION FACULTY.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

05605	CONF	A	ARR	302	S H		BRUN
05606	CONF	B	ARR	202	T A		JOHNSTON
05607	CONF	C	ARR	200	T A		KELLY
05608	CONF	D	ARR	206	T A		LONDON
05609	CONF	E	ARR	200	T A		MARTIRANO
05610	CONF	F	ARR	205	T A		POWELL
05611	CONF	G	ARR	206	T A		ZONN
05612	LECT-DISC	H	ARR	206	T A		MARTIRANO

MUSIC 308 ANALYSIS OF MUSICAL FORM.
PREREQUISITE: MUSIC 104 AND 109, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05613	LECT-DISC	A	1	M W F	103	S M H	JOHNSTON

MUSIC 311 MUSIC IN THE RENAISSANCE.
PREREQUISITE: MUSIC 131 OR 214 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
*TWO ADDITIONAL HOURS ARRANGED IN THE LISTENING LABORATORY AT 7-9 PM TUESDAY, ROOM 25 SMITH MEMORIAL HALL.

05614	LECT-DISC	A	*10	M W F	106	S M H	I. THOMAS

MUSIC 313 MUSIC OF THE EIGHTEENTH CENTURY.
PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
*TWO ADDITIONAL HOURS ARRANGED IN THE LISTENING LABORATORY AT 7-9 PM THURSDAY, ROOM 25 SMITH MEMORIAL HALL.

05615	LECT-DISC	A	*9	M W F	116	1203W NEV	I. THOMAS

MUSIC 315 MUSIC OF THE TWENTIETH CENTURY.
PREREQUISITE: MUSIC 131 OR 214, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05616	LECT-DISC	A	10	M W F	25	S M H	HAMM

MUSIC 316 INTRODUCTION TO MUSIC OF THE WORLD'S CULTURES.
SAME AS ANTH. 316.
FOR STUDENTS OUTSIDE THE SCHOOL OF MUSIC.
PREREQUISITE: ANTH. 101 OR 103, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05617	LECT-DISC	A	9	M W F	104	1203W NEV	NETTL

MUSIC 317 AREA STUDIES IN ETHNOMUSICOLOGY.
SAME AS ANTH. 315.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 12 HOUR, OR 2 UNITS
*3 HOURS OR 1/2 UNIT.
TOPIC SECTION A: MUSIC OF THE MIDDLE EAST.
TOPIC SECTION B: AFRO-AMERICAN RELIGIOUS MUSIC AND BLUES.

05618	LECT-DISC	A	3-5	TH	201	H A	NETTL
05619	LECT-DISC	B	2	M W F	101	H A	HOCK

MUSIC 319 HISTORY OF PERFORMANCE PRACTICES, II.
PREREQUISITE: SENIOR STANDING IN MUSIC THEORY AND MUSIC HISTORY OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05620	LECT-DISC	A	1	TU TH	103	S M H	HUNTER

MUSIC 320 PROSEMINAR.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION. CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 8 HOURS OR 2 UNITS.
*2 OR 4 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A TOPIC: INDIVIDUAL PROJECTS.
*SECTION B TOPIC: CHORAL LAB.
*SECTION C TOPIC: COMPARATIVE MUSIC EDUCATION.
*SECTION D TOPIC: PROSEMINAR IN MUSIC EDUCATION.
*SECTION E TOPIC: PROBELMS IN BAND CONDUCTING.
SECTION F TOPIC: COMPOSITIONAL ASPECTS OF CHORAL MUSIC.
SECTION G TOPIC: TEACHING METHODS FOR CLASS PIANO.

05621	CONF	*A	ARR						GRADUATE FACULTY
05622	LAB-DISC	*B	9	M	W	F	CHOS RHRS KRAN		DECKER
05623	CONF	*C	ARR				212	1203W NEV	BERGETHON
05624	CONF	*D	4-6	M			104	1203W NEV	LEONHARD
05625	LAB-DISC	*E	8-10	M			261	BAND	BEGIAN
		*F	7-830PM		W		141	BAND	
05626	LECT-DISC	F	ARR				206	T A	LONDON
05627	LAB-DISC	G	ARR				203	P A	LYKE

MUSIC 324 OPERA PRODUCTION. II.
PREREQUISITE: MUSIC 323.
3 HOURS OR 1/2 UNIT.

05628	CONF	A	ARR				OPERA RHRS KRAN		LLOYD

MUSIC 326 INTRODUCTION TO MUSICOLOGY. II.
PREREQUISITE: MUSIC 325 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

05629	LECT-DISC	A	1	TU			201	H A	HAMM
		A	1-3		TH		201	H A	

MUSIC 330 APPLIED MUSIC PEDAGOGY.
PREREQUISITE: JUNIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 4 HOURS. OR 1 UNIT
*2 HOURS OR 1/2 UNIT.
SECTION A IS FOR PIANO MAJORS. SECTION B IS FOR STRING MAJORS.
SECTION C IS FOR VOICE MAJORS.

05630	LAB-DISC	A	10-12		F		5	P A	BERENSON, LYKE
05631	LAB-DISC	B	4-6		TH		202	S A	ROLLAND AND STRING FACULTY
05632	LAB-DISC	C	9-11		TH		200A	S M H	BURDETTE AND VOICE FACULTY

MUSIC 335 THE MUSIC OF AMERICA. II.
PREREQUISITE: SENIOR STANDING IN MUSIC OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

05633	LECT-DISC	A	1	M	W	F	106	S M H	BEHAGUE

MUSIC 336 MUSIC IN LATIN AMERICA.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
*CREDIT MAY BE ACCUMULATED TO A MAXIMUM OF 6 HOURS OR 1 UNIT.
*3 HOURS OR 1/2 UNIT.
TOPIC: MUSIC OF BRAZIL. ARGENTINA. URUGUAY.

05634	LECT-DISC	A	3	M	W	F	101	H A	BEHAGUE

MUSIC 343 TESTS AND MEASUREMENT IN MUSIC EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05635	LECT-DISC	A	8	TU TH			116	1203W NEV	COLWELL

MUSIC 345 TEACHING TECHNIQUES OF MUSIC THEORY.
PREREQUISITE: MUSIC 300 OR CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.

05636	LECT-DISC	A	2	M	W		106	S M H	CARTER

MUSIC 346 WORKSHOP IN MUSIC EDUCATION.
PREREQUISITE: SENIOR OR GRADUATE STANDING IN MUSIC EDUCATION OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
2 TO 4 HOURS. OR 1/2 TO 1 UNIT.
SECTION A TOPIC: ELEMENTARY AND JUNIOR HIGH INSTRUMENTAL MUSIC.

05637	LAB-DISC	A	3	MTUWTHF			5	S M H	PETERS

MUSIC 350 ADVANCED FNSEMBLE MUSIC.
PREREQUISITE: REGISTRATION IN APPLIED MUSIC AT THE 300 LEVEL AND CONSENT OF INSTRUCTOR.
2 HOURS OR 1/2 UNIT.
*SECTION A IS FOR STRING GROUPS. SECTION B FOR OPERATIC. SECTION C FOR COLLEGIUM. SECTION D FOR CONTEMPORARY MUSIC. SECTION E FOR JAZZ PIANO IMPROVISATION. SECTION F FOR UNIVERSITY CHORALE. SECTION G IS FOR PIANO ENSEMBLES. SECTION H IS FOR WIND GROUPS.

05638	PRACT	*A	ARR		9	S M H		KROLICK, AND STAFF
05639	PRACT	*B	3-5	M W	OPERA	RHRS	KRAN	LLOYD
05640	PRACT	*C	ARR		101	S M H		HUNTER
05641	PRACT	*D	ARR		305	S M H		ZONN, LONDON
05642	PRACT	*E	3	M W	5	P A		ELLISTON
05643	PRACT	F	11-1230	TU TH	CHOS	RHRSL	KRAN	DECKER
05644	PRACT	G	ARR		112	S M H		KARP
05645	PRACT	H	ARR		11	S M H		MCDOWELL/STAFF

MUSIC 367 VOCAL REPERTOIRE. II.
PREREQUISITE: JUNIOR STANDING IN VOICE OR CONSENT OF INSTRUCTOR. CONCURRENT REGISTRATION IN MUSIC 381.
1 HOUR.

05646	LAB-DISC	A	1	TU TH	210	S H		G. WILSON

MUSIC 377 CLASS PIANO (ADVANCED).
PREREQUISITE: MUSIC 180 (12 HOURS COMPLETED), 104 AND 109. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 4 HOURS OR 1 UNIT.
*2 HOURS OR 1/2 UNIT.
SECTIONS A AND B: LEVEL TWO.
SECTIONS C AND D: LEVEL ONE.

05647	LAB-DISC	A	10	TU TH	5	P A		LYKE
05648	LAB-DISC	B	3	TU TH	5	P A		ELLISTON
05649	LAB-DISC	C	2	TU TH	5	P A		BERENSON
05650	LAB-DISC	D	12	TU TH	5	P A		MARSHALL

APPLIED MUSIC COURSES FOR ADVANCED UNDERGRADUATES AND GRADUATES (MUSIC 379 THROUGH 398)

PREREQUISITE: FOR STUDENTS IN THE BACHELOR OF MUSIC CURRICULUM, JUNIOR STANDING IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN MUSIC EDUCATION, COMPLETION OF THE CURRICULAR REQUIREMENT IN THE MAJOR APPLIED MUSIC SUBJECT. FOR STUDENTS IN OTHER COLLEGES OF THE UNIVERSITY, COMPLETION OF FOUR SEMESTERS IN THE COMPARABLE APPLIED MUSIC COURSE AT THE 100 LEVEL. QUALIFYING EXAM FOR TRANSFER STUDENTS.

MUSIC 379 HARPSICHORD.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

05651	CONF	A	ARR		101	S M H		HUNTER

MUSIC 380 PIANO.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.

05652	CONF	A	ARR		112	S M H		KARP
05653	CONF	B	ARR		204	S M H		RICHARDS
05654	CONF	C	ARR		206	S M H		DAVIS
05655	CONF	E	ARR		201	S M H		SANDERS
05656	CONF	F	ARR		205	S M H		HEILES
05657	CONF	G	ARR		209	S M H		SHAPIRO

MUSIC 381 VOICE.
2 OR 3 HOURS, OR 1/2 OR 1 UNIT.

05658	CONF	A	ARR		203	S M H		BAILEY
05659	CONF	B	ARR		207	S M H		ELYN
05660	CONF	C	ARR		202	S H		W. STONE
05661	CONF	D	ARR		211	S M H		HEDLUND
05662	CONF	E	ARR		202	S M H		NOTH
05663	CONF	F	ARR		200A	S M H		W. MILLER
05664	CONF	G	ARR		200B	S M H		BURDETTE
05665	CONF	H	ARR		210	S M H		REYNOLDS
05666	CONF	I	ARR		210	S H		WILSON
05667	CONF	J	ARR		206	S H		CRAWFORD
05668	CONF	K	ARR					

MUSIC 382 ORGAN.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05669	CONF	A	ARR	200	S M H	PETTINGA
05670	CONF	B	ARR	200	S M H	HAMILTON

MUSIC 383 VIOLIN.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05671	CONF	A	ARR	202	S A	ROLLAND
05672	CONF	B	ARR	208	S A	SCHMITT
05673	CONF	C	ARR	205	S A	FARMER

MUSIC 384 VIOLA.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05674	CONF	A	ARR	203	S A	PERICH

MUSIC 385 CELLO.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05675	CONF	A	ARR	201	S A	SWENSON
05676	CONF	B	ARR	105	S A	FARRELL

MUSIC 386 STRING BASS.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05677	CONF	A	ARR	9	S M H	KROLICK

MUSIC 387 FLUTE.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05678	CONF	A	ARR	2-122	KRAN PERF	DELANEY

MUSIC 388 CLARINET.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05679	CONF	A	ARR	11	S M H	MCDOWELL
05680	CONF	B	ARR	10	S M H	COGGINS

MUSIC 389 OBOE.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05681	CONF	A	ARR	2	S M H	EDLEFSEN

MUSIC 390 BASSOON.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05682	CONF	A	ARR	105	S H	BERRY

MUSIC 391 CORNET AND TRUMPET.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05683	CONF	A	ARR	14	S M H	SEXTON

MUSIC 392 FRENCH HORN.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05684	CONF	A	ARR	4	S M H	HOLDEN

MUSIC 393 TROMBONE.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05685	CONF	A	ARR	8	S M H	GRAY

MUSIC 394 BARITONE.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05686	CONF	A	ARR	206	P A	PERANTONI

MUSIC 395 TUBA.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05687	CONF	A	ARR	206	P A	PERANTONI

MUSIC 396 PERCUSSION.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05688	CONF	A	ARR	6	S M H	SIWE
05689	CONF	B	ARR	6	S M H	FAIRCHILD

MUSIC 397 HARP.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05690	CONF	A	ARR

MUSIC 398 SAXOPHONE.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.

05691	CONF	A	ARR		10	S M H	COGGINS

MUSIC 401 ADVANCED INSTRUMENTATION-BAND.
PREREQUISITE: UNDERGRADUATE INSTRUMENTATION.
1/2 OR 1 UNIT.

05692	LECT-DISC	A	8	TU TH	261	BAND	DUKER

MUSIC 406 COMPOSITION.
1/2 TO 1 1/2 UNITS.

05693	CONF	A	ARR		302	S H	BRUN
05694	CONF	B	ARR		202	T A	JOHNSTON
05695	CONF	C	ARR		200	T A	KELLY
05696	CONF	D	ARR		206	T A	LONDON
05697	CONF	E	ARR		206	T A	MARTIRANO
05698	CONF	F	ARR		205	T A	POWELL
05699	CONF	G	ARR		206	T A	ZONN

MUSIC 410 HISTORY OF MUSIC THEORY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY OR COMPOSITION, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS
*1 UNIT.
TOPIC: 20TH CENTURY THEORISTS.

05700	LECT-DISC	A	1	W F	201	H A	BATSTONE
		A	2	W	201	H A	

MUSIC 415 NOTATION, II.
PREREQUISITE: MUSIC 414 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

05701	LECT-DISC	A	3-5	W	201	H A	WARD

MUSIC 419 THE HISTORY OF OPERA FROM MOZART TO THE PRESENT.
PREREQUISITE: MUSIC 312 AND 313 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

05702	LECT-DISC	A	11	M W F	201	H A	TEMPERLEY

MUSIC 420 SEMINAR IN MUSIC LITERATURE.
REQUIRED OF ALL STUDENTS ENROLLED IN THE DOCTORAL MUSICAL ARTS PROGRAM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05703	LECT-DISC	A	1	TU TH	101	H A	BATSTONE
		A	2	TH	101	H A	

MUSIC 422 SEMINAR IN THEORY OF MUSIC.
PREREQUISITE: GRADUATE STANDING IN MUSIC THEORY OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

05704	LECT-DISC	A	10	TU TH	106	S M H	LONDON

MUSIC 423 SEMINAR IN MUSICOLOGY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY AND MUSIC 321 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05705	LECT-DISC	A	1-4	M	201	H A	TEMPERLEY
05706	LECT-DISC	B	2-5	TU	201	H A	KELLMAN

MUSIC 425 READINGS IN MUSICOLOGY.
PREREQUISITE: GRADUATE STANDING IN MUSICOLOGY, AND CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

05707	CONF	A	ARR		202	H A	NETTL AND GRADUATE FACULTY

MUSIC 428 PROBLEMS AND METHODS.
REQUIRED OF ALL STUDENTS IN THE MASTER OF MUSIC PROGRAM EXCEPT THOSE MAJORING IN MUSICOLOGY.
1 UNIT.

05708	LECT-DISC	A	9	TU TH	101	H A	I. THOMAS
		A	10	TU	101	H A	

MUSIC 429 HISTORICAL STUDIES IN TWENTIETH CENTURY MUSIC.
PREREQUISITE: MUSIC 315 AND 422 OR EQUIVALENT.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 TO 1 UNIT.
TOPIC: WORKS OF IGOR STRAVINSKY.

05709	LECT-DISC	A	9	W F	201	H A		KELLMAN
		A	10	W	201	H A		

MUSIC 430 ADVANCED ORCHESTRA CONDUCTING AND LITERATURE.
PREREQUISITE: PREVIOUS CONDUCTING EXPERIENCE.
1 UNIT.

05710	LECT-DISC	A	11	W F	2-123	KRAN PERF		GOODMAN

MUSIC 433 ADVANCED CHORAL LITERATURE AND CONDUCTING.
PREREQUISITE: GRADUATE STANDING IN MUSIC. MUSIC 432 OR EQUIVALENT.
OR CONSENT OF INSTRUCTOR.
1 UNIT.

05711	LECT-DISC	A	1-3	TU TH	CHOS RHRSL KRAN			ARMSTRONG
		A	11	M F	CHOS RHRSL KRAN			

MUSIC 434 PIANO LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
EDUCATION. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05712	LECT-DISC	A	2-4	TU TH	205	S M H		HEILES

MUSIC 435 VOCAL LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
EDUCATION. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05713	LECT-DISC	A	1-3	W F	215	S M H		DALHEIM

MUSIC 436 ORGAN LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
EDUCATION. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05714	LECT-DISC	A	ARR		200	S M H		PETTINGA

MUSIC 437 STRING INSTRUMENT LITERATURE.
PREREQUISITE: BACHELOR OF MUSIC OR BACHELOR OF SCIENCE IN MUSIC
EDUCATION. OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05715	LECT-DISC	A	2-4	TU TH	102	S A		FARRELL

MUSIC 438 WIND INSTRUMENT LITERATURE.
STUDENTS MAY ACCUMULATE TWO UNITS.
1 UNIT.
*SECTION A--WOODWIND AND SECTION B--BRASS.

05716	LECT-DISC	*A	2-4	M W	2	S M H		EDLEFSEN
05717	LECT-DISC	*B	9-11	TU TH	206	P A		PERANTONI AND BRASS FACULTY

MUSIC 439 PERCUSSION INSTRUMENT LITERATURE.
PREREQUISITE: GRADUATE STANDING IN THE SCHOOL OF MUSIC AND
CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

05718	CONF	A	ARR		6	S M H		MCKENZIE

MUSIC 441 FOUNDATIONS AND PRINCIPLES OF MUSIC EDUCATION. II.
1/2 OR 1 UNIT.

05719	LECT-DISC	A	9-11	TU	104	1203W NEV		LEONHARD

MUSIC 442 THE GENERAL MUSIC PROGRAM IN SECONDARY SCHOOLS.
PREREQUISITE: GRADUATE STANDING IN MUSIC EDUCATION.
1/2 OR 1 UNIT.

05720	LECT-DISC	A	1-3	TU	104	1203W NEV		LEONHARD

MUSIC 443 ADMINISTRATION AND SUPERVISION OF MUSIC EDUCATION.
PREREQUISITE: GRADUATE STANDING IN MUSIC OR MUSIC EDUCATION.
1/2 OR 1 UNIT.

05721	LECT-DISC	A	10	TU TH	116	1203W NEV	BERGETHON

MUSIC 447 SEMINAR IN EXPERIMENTAL MUSIC, II.
PREREQUISITE: MUSIC 446 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

05722	LAB-DISC	A	11	M W	102	S H	BRUN

MUSIC 451 HISTORY OF VOCAL ENSEMBLE AND CHORAL MUSIC, II.
1 UNIT.

05723	LECT-DISC	A	9-11	TU TH	201	H A	J. SMITH

APPLIED MUSIC COURSES FOR GRADUATES
(MUSIC 480-499)

MUSIC 480 PIANO.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05725	CONF	A	ARR		112	S M H	KARP
05726	CONF	B	ARR		204	S M H	RICHARDS
05727	CONF	C	ARR		206	S M H	DAVIS
05724	CONF	F	ARR		201	S M H	SANDERS
05728	CONF	E	ARR		205	S M H	HEILES
05729	CONF	G	ARR		209	S M H	SHAPIRO

MUSIC 481 VOICE.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05730	CONF	A	ARR		203	S M H	BAILEY
05731	CONF	B	ARR		207	S M H	ELYN
05732	CONF	C	ARR		202	S M H	W. STONE
05733	CONF	D	ARR		211	S M H	HEDLUND
05734	CONF	E	ARR		202	S M H	NOTH
05735	CONF	F	ARR		200A	S M H	W. MILLER
05736	CONF	G	ARR		200B	S M H	BURDETTE
05737	CONF	H	ARR		210	S M H	REYNOLDS
05738	CONF	I	ARR		210	S H	WILSON
05739	CONF	J	ARR		206	S H	CRAWFORD

MUSIC 482 ORGAN.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05740	CONF	A	ARR		200	S M H	PETTINGA
05741	CONF	B	ARR		200	S M H	HAMILTON

MUSIC 483 STRING INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05742	CONF	A	ARR		9	S M H	KROLICK AND STRING FACULTY

MUSIC 484 WIND INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCCESSFUL COMPLETION OF QUALIFYING EXAMINATION GIVEN BY GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05743	CONF	A	ARR		11	S M H	MCDOWELL AND WIND FACULTY

MUSIC 485 PERCUSSION INSTRUMENTS.
PREREQUISITE: BACHELOR OF MUSIC DEGREE, SUCESSFUL COMPLETION OF A QUALIFYING EXAMINATION GIVEN BY THE GRADUATE COMMITTEE.
1/2 OR 1 UNIT.

05744	CONF	A	ARR		6	S M H	SIWE

MUSIC 489 DOCTORAL PROJECTS.
OPEN ONLY TO STUDENTS IN THE DOCTOR OF MUSICAL ARTS PROGRAM.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 3 UNITS.

05745	CONF	A	ARR	210	1203W NEV	GRADUATE FACULTY

MUSIC 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF ADVISOR.
0 TO 4 UNITS.

05746	CONF	A	ARR	210	1203W NEV	GRADUATE FACULTY

NAVAL SCIENCE

DEPARTMENT OFFICE 239 ARMORY

ALL UNITS BATTALION PARADE 3-5 SUN MAY 14, 1972

N S 100 NAVAL SCIENCE LABORATORY.
0 CREDIT.
*SECTION A - FRESHMEN; SECTION B - SOPHOMORES; SECTION C - JUNIORS; SECTION D - SENIORS; SECTION E - MARINE OPTIONS; SECTION F - ONLY WITH SPECIAL PERMISSION OF INSTRUCTORS.

05747	LAB	*A	3-5	TH	101 ARMORY	LIMSTROM
		*A	3-5	TH	ARMORY FLOOR	MCHENRY
05748	LAB	*B	3-5	TH	349 ARMORY	
		*B	3-5	TH	ARMORY FLOOR	MCHENRY
05749	LAB	*C	3-5	TH	250 ARMORY	ROMANSKI
		*C	3-5	TH	ARMORY FLOOR	MCHENRY
05750	LAB	*D	3-5	TH	253 ARMORY	KOSTAR
		*D	3-5	TH	ARMORY FLOOR	MCHENRY
05751	LAB	*E	3-5	TH	145 ARMORY	MCHENRY
		*F	3-5	TH	ARMORY FLOOR	MCHENRY
05752	LAB	F	ARR	TU	138 ARMORY	MCHENRY

N S 122 AMERICAN MILITARY AFFAIRS.
PREREQUISITE: SOPHOMORE STANDING IN NAVAL ROTC OR CONSENT OF INSTRUCTOR.
3 HOURS.

05753	LECT-DISC	E	1	M W F	250 ARMORY	
05754	LECT-DISC	F	2	M W F	250 ARMORY	

N S 232 NAVIGATION AND NAVAL OPERATIONS, II.
PREREQUISITE: JUNIOR STANDING IN NAVAL ROTC OR CONSENT OF INSTRUCTOR.
3 HOURS.

05755	LECT-DISC	L	8-930	TU TH	250 ARMORY	
05756	LECT-DISC	N	10-1130	TU TH	250 ARMORY	

DEPARTMENT OFFICE 214 N E L

NUC E 302 NUCLEAR POWER ENGINEERING.
SAME AS M. E. 302.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
05757 LECT-DISC 10 M W F 332 M E B

NUC E 312 NUCLEAR POWER ECONOMICS AND FUEL MANAGEMENT.
PREREPREREQUISITE: JUNIOR STANDING, M. E. OR NUC. E. 302, OR NUC. E. 347, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
05758 LECT-DISC 2 M W F 203 N E L

NUC E 321 INTRODUCTION TO CONTROLLED THERMONUCLEAR FUSION.
SAME AS E. E. 321.
PREREQUISITE: SENIOR OR GRADUATE STANDING; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.
05759 LECT 11 M W F 203 N E L

NUC E 347 INTRODUCTION TO NUCLEAR ENGINEERING.
PREREQUISITE: CREDIT OR REGISTRATION IN NUC. E. 397 OR PHYCS. 382 OR EQUIVALENT.
4 HOURS OR 1 UNIT.
#ONE ADDITIONAL HOUR TO BE ARRANGED.
05760 LECT #9 M W F 203 N E L

NUC E 388 NUCLEAR CERAMICS.
SAME AS CER. E. 388.
PREREQUISITE: CHEM. 245, PHYCS. 383, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
05761 LECT 1 MTUW 322 CER

NUC E 397 RADIOCHEMISTRY.
SAME AS CHEM. 397.
PREREQUISITE: ONE SEMESTER OF PHYSICAL CHEMISTRY, OR ONE SEMESTER OF ATOMIC PHYSICS, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
05762 LECT 10 TU TH S 111 N L HUMMEL

NUC E 411 NUCLEAR REACTOR HEAT TRANSFER.
PREREQUISITE: NUC. E. 401, OR CONSENT OF INSTRUCTOR.
1 UNIT.
05763 LECT-DISC 8 M W F 203 N E L

NUC E 421 NUCLEAR CONCEPTS.
PREREQUISITE: CREDIT IN A NUCLEAR PHYSICS COURSE SUCH AS NUC. E. 397 OR PHYCS. 382.
1 UNIT.
05764 LECT-DISC 10-12 TU TH 203 N E L

NUC E 425 NUCLEAR-ELECTRICAL ENERGY CONVERSION.
SAME AS E. E. 425.
1 UNIT.
05765 LECT-DISC 3 M W F 203 N E L

NUC E 441 NUCLEAR RADIATION SHIELDING.
PREREQUISITE: NUC. E. 349, AND CREDIT OR REGISTRATION IN NUC. E. 459; CONSENT OF INSTRUCTOR.
1 UNIT.
05766 LECT-DISC 2-4 TU TH 203 N E L

NUC E 447 RADIOACTIVE WASTE DISPOSAL.
SAME AS C. E. 447.
PREREQUISITE: PHYCS. 382 OR CHEM. 399 OR NUC. E. 398 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
05767 LECT-DISC 8 11 M W F 401 E H

NUC E 451 REACTOR LABORATORY.
PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

05768	DISC		1		F	203	N E L
05769	LAB	A	1-4	M		NUC REACTOR LAB	
05770	LAB	B	1-4		TH	NUC REACTOR LAB	

NUC E 454 NUCLEAR ENGINEERING LABORATORY INVESTIGATIONS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

05771	CONF		ARR				STAFF

NUC E 455 REACTOR PHYSICS. I.
SAME AS PHYCS. 455.
PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF INSTRUCTOR.
1 UNIT.

05772	LECT-DISC		10	M W F		203	N E L

NUC E 458 NUCLEAR REACTOR ENGINEERING.
PREREQUISITE: NUC. E. 347 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05773	LECT-DISC		ARR			203	N E L

NUC E 467 THERMOMECHANICS IN NUCLEAR REACTOR SYSTEMS.
SAME AS T. A. M. 467.
PREREQUISITE: NUC. E. 401 OR CONSENT OF INSTRUCTOR.
1 UNIT.

05774	LECT-DISC	D	11	M W F		105C WOODSHOP	BORESI

NUC E 490 SPECIAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
*SECTION I: NUCLEAR INSTRUMENTATION.
*SECTION T: TURBULENCE.

05775	LECT-DISC	*I	8-10		TU TH	203	N E L
05776	LECT-DISC	*T	4	M W F		203	N E L

NUC E 495 NUCLEAR ENGINEERING PROBLEMS.
PREREQUISITE: AT LEAST THREE UNITS OF GRADUATE WORK AND CONSENT OF INSTRUCTOR.
1/4 TO 2 UNITS.

05777	CONF		APR				STAFF

NUC E 497 SEMINAR IN NUCLEAR SCIENCE AND ENGINEERING.
0 CREDIT.

05778	LECT-DISC	A	4	TU		203	N E L
05779	LECT-DISC	B	4		W	211	N E L

NUC E 499 THESIS RESEARCH.
0 TO 4 UNITS.

05780	CONF		APR				STAFF

OCCUPATIONAL THERAPY

DEPARTMENT OFFICE 1207 W. OREGON

O T 100 OCCUPATIONAL THERAPY ORIENTATION.
PREREQUISITE: REGISTRATION IN THE OCCUPATIONAL THERAPY CURRICULUM.
2 HOURS.

05781	LECT-DISC		11-1	W		262	L H

PERSIAN

DEPARTMENT OFFICE 201, 1208 W. CALIFORNIA

PERS 202 ELEMENTARY PERSIAN, II.
PREREQUISITE: PERS. 201 OR EQUIVALENT.
5 HOURS.
OPEN TO FRESHMEN.

05782	LECT-DISC	11	MTUWTHF	231	N H B	DEHGHAN

PERS 206 INTRODUCTION TO PERSIAN CULTURE AND LITERATURE, II.
KNOWLEDGE OF PERSIAN NOT REQUIRED.
3 HOURS.

05783	LECT-DISC	1	M W F	205	H H	DEHGHAN

PERS 304 INTERMEDIATE PERSIAN, II.
PREREQUISITE: PERS. 303 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

05784	LECT-DISC	10	MTUWTHF	206	H H	DEHGHAN

PERS 306 ADVANCED PERSIAN, II.
PREREQUISITE: PERS. 305 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

05785	LECT-DISC	APP				DEHGHAN

PHILOSOPHY

DEPARTMENT OFFICE 105 G H

MAJOR: TWENTY HOURS FROM ANY COURSES OFFERED BY THE DEPARTMENT, INCLUDING PHIL. 102, 303, 306, 321, AND ONE ADDITIONAL 300 COURSE IN PHILOSOPHY.

MINORS: TWENTY COURSE HOURS FROM THE SUBJECTS RECOGNIZED AS MAJORS BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES, OR FROM ANY APPROVED LAS INTERDEPARTMENTAL CURRICULUM, OR FROM EDUCATION OR LIBRARY SCIENCE OR LINGUISTICS. RHETORIC 101, 102, 107, 108, FIRST-YEAR MODERN FOREIGN LANGUAGE COURSES, AND COURSES IN APPLIED MUSIC ARE EXCLUDED. IF TWO DEPARTMENTS OR CURRICULA ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH.

FRESHMAN JAMES SCHOLARS ARE AUTOMATICALLY PERMITTED TO TAKE ANY 100 LEVEL PHILOSOPHY COURSE.

PHIL 101 INTRODUCTION TO PHILOSOPHY.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.

05786	LECT-DISC	A	8	M W F	327	G H	
05787	LECT-DISC	B1	9	M W F	327	G H	
05788	LECT-DISC	B2	9	M W F	207	G H	
05789	LECT-DISC	C	10	M W F	321	G H	SHWAYDER
05790	LECT-DISC	D1	11	M W F	336	G H	GEORGALIS
05791	LECT-DISC	D2	11	M W F	311	G H	
05792	LECT-DISC	E1	1	M W F	321	G H	GEORGALIS
05793	LECT-DISC	E2	1	M W F	207	G H	
05794	LECT-DISC	F	2	M W F	327	G H	SHAPIRA
05795	LECT-DISC	G	3	M W F	207	G H	
05796	LECT-DISC	M	9-1030	TU TH	327	G H	HUGLY
05797	LECT-DISC	N	1030-12	TU TH	336	G H	
05798	LECT-DISC	R1	1-230	TU TH	327	G H	GORDON
05799	LECT-DISC	R2	1-230	TU TH	311	G H	
05800	LECT-DISC	R3	130-3	TU TH	321	G H	MELNICK
05801	LECT-DISC	S	230-4	TU TH	207	G H	FABER

PHIL 102 LOGIC.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.
NOTE: ALL STUDENTS REGISTERING IN LECTURE SECTION P MUST ALSO REGISTER FOR ONE OF THE DISCUSSION SECTIONS L1-L13.

05816	LECT-DISC	C	10	M W F	207	G	H		MONK
05817	LECT-DISC	E	1	M W F	327	G	H		CATON
05818	LECT-DISC	T	3-430	TU TH	321	G	H		WILL
05802	LECT	P	11	TU TH	112	G	H		SUPPE
05803	DISC	L1	8	TU	336	G	H		
05804	DISC	L2	8	TH	336	G	H		
05805	DISC	L3	9	TU	207	G	H		
05806	DISC	L4	9	TU	321	G	H		
05807	DISC	L5	9	TH	207	G	H		
05808	DISC	L6	9	TH	321	G	H		
05809	DISC	L7	10	TU	207	G	H		
05810	DISC	L8	10	TH	207	G	H		
05815	DISC	*L9	11	F	207	G	H		
05811	DISC	L10	1	W	336	G	H		
05812	DISC	L11	1	F	336	G	H		
05813	DISC	L12	2	W	207	G	H		
05814	DISC	L13	2	F	207	G	H		

PHIL 104 PHILOSOPHY OF DEMOCRACY.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF DEPARTMENT.
4 HOURS.

05819	LECT-DISC	D	11	MTUWTH	207	G	H		WERNER

PHIL 105 MORAL IDEAS AND PRACTICE.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
*CREDIT IS NOT GIVEN FOR BOTH PHIL. 105 AND 103.
*2 HOURS.
THESE CLASSES MEET 3 HOURS PER WEEK FOR FIRST 10 WEEKS OF SEMESTER.

05820	LECT-DISC	A	8	M W F	336	G	H		HUGLY
05821	LECT-DISC	B	9	M W F	311	G	H		
05822	LECT-DISC	C	10	M W F	336	G	H		HUGLY
05823	LECT-DISC	E	1	M W F	311	G	H		WENGERT
05824	LECT-DISC	F	2	M W F	321	G	H		
05825	LECT-DISC	M	9-1030	TU TH	336	G	H		
05826	LECT-DISC	R	1-230	TU TH	207	G	H		
05827	LECT-DISC	S	230-4	TU TH	311	G	H		

PHIL 110 WORLD RELIGIONS.
SAME AS RELST. 110.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.
NOTE: STUDENTS ARE REQUIRED TO ATTEND AT LEAST 6 OF THE 15 SPECIAL EVENING SESSIONS WHICH WILL INCLUDE GUEST LECTURERS.

05828	LECT	P	11	TU TH	L H THEATER				TIEBOUT
		P	730-930PM	TU	112	G	H		

PHIL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
NOTE: REQUESTS FOR ACTIVATION OF THIS COURSE MAY BE MADE BY STUDENTS OR BY FACULTY AND SHOULD BE DIRECTED TO THE CHAIRMAN OF THE PHILOSOPHY DEPARTMENT PRIOR TO REGISTRATION.
STUDENTS MAY NOT REGISTER FOR THIS COURSE WITHOUT MAKING PRIOR ARRANGEMENTS WITH SOME MEMBER OF THE DEPARTMENT WITH THE RANK OF INSTRUCTOR OR ABOVE.

05829	CONF	ARR	

PHIL 291 READING COURSE.
PREREQUISITE: OPEN TO JUNIORS AND SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0. ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
*2 TO 4 HOURS.

05830	CONF	ARR	

PHIL 292 THESIS.
PREREQUISITE: OPEN TO SENIORS WITH A GENERAL GRADE-POINT AVERAGE OF 4.0. ONLY BY PRIOR ARRANGEMENT WITH A REGULAR MEMBER OF THE STAFF AND WITH CONSENT OF THE CHAIRMAN OF THE DEPARTMENT.
*COURSE MAY BE REPEATED TO A TOTAL OF 4 HOURS CREDIT.
*2 TO 4 HOURS.

05831	CONF		ARR						

SOPHOMORE JAMES SCHOLARS WHO HAVE HAD NO PHILOSOPHY COURSES ARE PERMITTED TO TAKE PHIL. 303, 306, 307, AND 308. THOSE WHO HAVE HAD A PHILOSOPHY COURSE MAY TAKE ANY 300-LEVEL PHILOSOPHY COURSE.

PHIL 304 HISTORY OF MEDIEVAL PHILOSOPHY.
PREREQUISITE: PHIL. 101 OR 303.
3 HOURS, OR 3/4 OR 1 UNIT.

05832	LECT-DISC	B	9	M W F	336	G	H		WENGERT

PHIL 306 HISTORY OF MODERN PHILOSOPHY.
4 HOURS OR 1 UNIT.
*SECTION &P1 IS FOR GRADUATE STUDENTS, PHILOSOPHY MAJORS, AND JAMES SCHOLARS. SECTION &P2 IS FOR PHILOSOPHY MAJORS AND JAMES SCHOLARS.

05833	LECT	N	10	TU TH	213	G	H		NEELY
05840	DISC	*&P1	11	TU	311	G	H		NEELY
05841	DISC	*&P2	11	TH	311	G	H		
05834	DISC	F	1	M	336	G	H		
05835	DISC	F	2	TU	336	G	H		
05836	DISC	G1	3	M	321	G	H		
05837	DISC	G2	3	W	321	G	H		
05838	DISC	R1	1	TU	336	G	H		
05839	DISC	R2	1	TH	336	G	H		

PHIL 309 THE PHILOSOPHY OF PLATO.
PREREQUISITE: PHIL. 101 OR 303.
3 HOURS, OR 3/4 OR 1 UNIT.

05842	LECT-DISC	N	1030-12	TU TH	321	G	H		ROBISON

PHIL 311 PHILOSOPHIC IDEAS OF THE NINETEENTH CENTURY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY (PREFERABLY 101 OR 306).
3 HOURS, OR 3/4 OR 1 UNIT.

05843	LECT-DISC	F	1	M W F	223	G	H		SCHACHT

PHIL 313 AMERICAN PHILOSOPHY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

05844	LECT-DISC	M	9-1030	TU TH	311	G	H		MELNICK

PHIL 321 ETHICS AND VALUE THEORY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

05845	LECT-DISC	N	10	M W F	311	G	H		WALLACE

PHIL 322 RECENT DEVELOPMENTS IN ETHICS.
PREREQUISITE: PHIL. 103, 105, OR 321.
3 HOURS, OR 3/4 OR 1 UNIT.

05846	LECT-DISC	D	11	M W F	321	G	H		DIGGS

PHIL 323 PHILOSOPHY OF ART.
3 HOURS, OR 3/4 OR 1 UNIT.

05847	LECT-DISC	D	11	M W F	223	G	H		SCHACHT

PHIL 324 PHILOSOPHY OF RELIGION.
SAME AS RELST. 362.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

05848	LECT-DISC	S	230-4	TU TH	327	G	H		ROBISON

PHIL 325 PHILOSOPHY OF MIND.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.

05849	LECT-DISC	C	10	M W F	327	G	H		NICKLES

PHIL 326 METAPHYSICS.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
05850 LECT-DISC F 2 M W F 336 G H SHWAYDER

PHIL 330 THEORY OF KNOWLEDGE.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
05851 LECT-DISC N 1030-12 TU TH 327 G H GORDON

PHIL 331 ANALYTIC PHILOSOPHY.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
05852 LECT-DISC B 9 M W F 321 G H GEORGALIS

PHIL 334 SYMBOLIC LOGIC, II.
PREREQUISITE: PHIL. 333.
3 HOURS, OR 3/4 OR 1 UNIT.
05853 LECT-DISC D 11 M W F 327 G H TURQUETTE

PHIL 338 PHILOSOPHIES OF LANGUAGE
SAME AS LING. 338.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
05854 LECT-DISC G 3 M W F 327 G H FABER

PHIL 363 CONTEMPORARY RELIGIOUS THOUGHT.
SAME AS RELST. 369.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS, OR 3/4 OR 1 UNIT.
05855 LECT-DISC L 830-10 TU TH 223 G H TIEBOUT

PHIL 409 RECENT AMERICAN PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT
*1 UNIT.
TOPIC--THE PHILOSOPHY OF C. S. PEIRCE.
05856 LECT-DISC 1-3 M 402 G H MONK

PHIL 411 SEMINAR IN RECENT ETHICAL THEORY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05857 LECT-DISC 3-5 TH 402 G H DIGGS

PHIL 412 SEMINAR IN SOCIAL PHILOSOPHY.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05858 LECT-DISC 7-9PM TU 402 G H WERNER

PHIL 413 LOGICAL THEORY.
PREREQUISITE: A COURSE IN LOGIC OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05859 LECT-DISC 730-930PM W 402 G H TURQUETTE

PHIL 417 SEMINAR IN THE PHILOSOPHY OF SCIENCE.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05860 LECT-DISC 1-3 TH 402 G H SUPPE

PHIL 420 SEMINAR IN SEMANTICS
SAME AS COMM. 420.
PREREQUISITE: GRADUATE STANDING IN PHILOSOPHY OR EQUIVALENT.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05861 LECT-DISC 1-3 TU 402 G H CATON

PHIL 421 SEMINAR IN CONTEMPORARY PROBLEMS.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05862 LECT-DISC 730-930PM TH 402 G H SHAPIRA

PHIL 423 SEMINAR IN THEORY OF KNOWLEDGE.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.
05863 LECT-DISC 3-5 W 402 G H WILL

PHIL 483 INDIVIDUAL TOPICS.
TOPICS AND PLAN OF STUDY MUST BE APPROVED BY THE CANDIDATE'S ADVISER AND BY THE STAFF MEMBER WHO WILL DIRECT THE WORK.
1/2 OR 1 UNIT.
05864 CONF ARR

PHIL 499 THESIS RESEARCH.
0 TO 4 UNITS.
05865 CONF ARR

PHYSICAL EDUCATION FOR MEN

BASIC INSTRUCTION COURSES

DEPARTMENT OFFICE 180 I M P E

MEN ENTERING THE UNIVERSITY WITH LESS THAN SIXTY SEMESTER HOURS OF CREDIT (EXCEPT VETERANS WHO RECEIVE CREDIT BECAUSE OF MILITARY SERVICE, BUT WHO MAY ELECT TO TAKE PHYSICAL EDUCATION) ARE REQUIRED TO OBTAIN CREDIT FOR FOUR SEMESTERS OF PHYSICAL EDUCATION, INCLUDING THE AMOUNT TRANSFERRED. CREDIT MAY BE OBTAINED BY PASSING COURSES LISTED BELOW OR BY PASSING PROFICIENCY EXAMINATIONS WHICH ARE OFFERED AT TIMES SPECIFIED BY DEPARTMENT. PERMITS FOR TAKING PROFICIENCY EXAMINATIONS MUST BE SECURED IN ROOM 180 I M P E NOT LATER THAN 24 HOURS PRECEDING EACH EXAMINATION. STUDENTS ENROLLED IN PRESCRIBED EXERCISE ARE NOT PERMITTED TO TAKE PROFICIENCY EXAMINATIONS WITHOUT SPECIAL WRITTEN PERMISSION FROM THE COORDINATOR OF PRESCRIBED EXERCISE.

NOTE: MOST PEM BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES TO FACILITATE REGISTRATION OF ADVANCE ENROLLED STUDENTS IN BASIC INSTRUCTION COURSES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEM 107, 108, 109
SEQUENCE 2 - PEM 122, 124, 125, 126
SEQUENCE 3 - PEM 127, 128, 130, 134, 137
SEQUENCE 4 - PEM 103, 104, 121, 136
SEQUENCE 5 - PEM 129, 139, 146

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

P E M 100 FOUNDATIONS OF PHYSICAL ACTIVITY.
1 HOUR.
05866 LAB BB 9-11 M W G20H I M P E
05867 LAB DD 1-3 TU TH G20H I M P E

P E M 101 PRESCRIBED EXERCISE.
PREREQUISITE: ASSIGNMENT BY THE HEALTH SERVICE.
STUDENTS MAY ACCUMULATE 4 HOURS.
1 HOUR.
*SECTION X IS FOR PARAPLEGIC AND HANDICAPPED STUDENTS.
05868 LAB A ARR 106 MOG ANNEX
05869 LAB #X ARR

P E M 102 WEIGHT CONTROL.
PREREQUISITE: APPROVAL OF DEPARTMENT AT REGISTRATION.
1 HOUR.
05870 LAB F 1 M W F ARMORY FLOOR

P E M 103 DEVELOPMENTAL ACTIVITIES.
1 HOUR.
BEFORE ENROLLING SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES
05871 LAB B 9 M W F ARMORY FLOOR
05872 LAB C 10 M W F ARMORY FLOOR
05873 LAB D 11 M W F ARMORY FLOOR

P E M 104 WEIGHT TRAINING.

1 HOUR.

NOTE: BEFORE ENROLLING SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*OPEN ONLY TO STUDENTS RESIDING IN FLORIDA AND PENNSYLVANIA AVENUE RESIDENCE HALLS.

05874	LAB	A	8	M W F	114	MOG ANNEX
05890	LAB	*A2	8	M W F	38B	OGLESBY
05875	LAB	B	9	M W F	114	MOG ANNEX
05876	LAB	C	10	M W F	114	MOG ANNEX
05877	LAB	D	11	M W F	114	MOG ANNEX
05891	LAB	*D2	11	M W F	38B	OGLESBY
05878	LAB	E	1	M W F	114	MOG ANNEX
05879	LAB	E1	1	M W F	G20H	I M P E
05880	LAB	G	2	M W F	114	MOG ANNEX
05881	LAB	G1	2	M W F	G20H	I M P E
05882	LAB	L	8-915	TU TH	114	MOG ANNEX
05883	LAB	M	9-1015	TU TH	114	MOG ANNEX
05884	LAB	N	10-1115	TU TH	114	MOG ANNEX
05885	LAB	N1	10-1115	TU TH	G20H	I M P E
05886	LAB	V	11-1215	TU TH	114	MOG ANNEX
05887	LAB	V1	11-1215	TU TH	G20H	I M P E
05888	LAB	Q	1-215	TU TH	114	MOG ANNEX
05889	LAB	R	2-315	TU TH	114	MOG ANNEX
05892	LAB	*S2	3-415	TU TH	38B	OGLESBY
05893	LAB	*T2	4-515	TU TH	38B	OGLESBY

P E M 106 RUGBY FOOTBALL.

1 HOUR.

THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE LAST EIGHT WEEKS OF THE SEMESTER BEGINNING MONDAY, APRIL 3, 1972.

05894	LAB	AA	8-10	M W	GREGORY FIELD
05895	LAB	QQ	1-3	TU TH	GREGORY FIELD

P E M 107 FENCING.

1 HOUR.

BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

*SECTIONS C1 AND D ARE COEDUCATIONAL.

05896	LAB	B	9	M W F	302	H G
05897	LAB	C	10	M W F	302	H G
05899	LAB	*C1	10-1115	M W	130	I M P E
05900	LAB	*D	11-1215	M W	130	I M P E
05898	LAB	M	9-1015	TU TH	302	H G

P E M 108 WRESTLING.

1 HOUR.

BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

05901	LAB	G	2	M W F	115	MOG ANNEX
05902	LAB	N	10-1115	TU TH	115	MOG ANNEX

P E M 109 PERSONAL DEFENSE.

1 HOUR.

BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

05903	LAB	C	10	M W F	115	MOG ANNEX
05904	LAB	D	11	M W F	115	MOG ANNEX
05905	LAB	E	1	M W F	G26	I M P E
05906	LAB	G	2	M W F	G26	I M P E
05907	LAB	L	8-915	TU TH	G26	I M P E
05908	LAB	M	9-1015	TU TH	G26	I M P E
05909	LAB	Q	1-215	TU TH	115	MOG ANNEX
05910	LAB	R	2-315	TU TH	115	MOG ANNEX

P E M 110 BEGINNING SWIMMING.

PREREQUISITE: NON-SWIMMER. THOSE WHO CANNOT SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS.

1 HOUR.

*SECTION D1 DESIGNED ESPECIALLY FOR THOSE STUDENTS WITH A FEAR OF WATER.

05911	LAB	B	9	M W F	S	NATATOR IMPE
05912	LAB	C	10	M W F	S	NATATOR IMPE
05913	LAB	D	11	M W F	S	NATATOR IMPE
05919	LAB	*D1	11	M W F	212	MOG POOL
05914	LAB	E	1	M W F	S	NATATOR IMPE
05915	LAB	M	9-1015	TU TH	S	NATATOR IMPE
05916	LAB	N	10-1115	TU TH	S	NATATOR IMPE
05917	LAB	R	2-315	TU TH	S	NATATOR IMPE
05918	LAB	V	11-1215	TU TH	S	NATATOR IMPE

P E M 112 INTERMEDIATE SWIMMING.

PREREQUISITE: THE STUDENT MUST HAVE THE ABILITY TO SWIM 25 YARDS INCLUDING A CONFIDENCE STOP FOR 10 SECONDS. BUT NOT THE ABILITY TO QUALIFY FOR ENROLLMENT IN P. E. M. 113 OR 114.

1 HOUR.

05920	LAB	A	8	M W F	212	MOG POOL
05921	LAB	B	9	M W F	212	MOG POOL
05922	LAB	C	10	M W F	212	MOG POOL
05923	LAB	G	2	M W F	S NATATOR	IMPE
05924	LAB	L	8-915	TU TH	212	MOG POOL
05925	LAB	L1	8-915	TU TH	S NATATOR	IMPE
05926	LAB	M	9-1015	TU TH	212	MOG POOL
05927	LAB	N	10-1115	TU TH	212	MOG POOL
05928	LAB	Q	1-215	TU TH	S NATATOR	IMPE
05929	LAB	V	11-1215	TU TH	212	MOG POOL

P E M 113 AQUATIC SPORTS.

PREREQUISITE: ABILITY TO SWIM ONE MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--CRAWL, BACK CRAWL AND BREASTSTROKE --AND 20 YARDS UNDERWATER.

1 HOUR.

05930	LAB	C	10-1115	M W	112	H G POOL
05931	LAB	L	8-915	TU TH	112	HG POOL
05932	LAB	M	9-1015	TU TH	112	HG POOL
05933	LAB	N	10-1115	TU TH	112	HG POOL

P E M 114 LIFE SAVING.

PREREQUISITE: ABILITY TO SWIM 1/2 MILE NON-STOP INCLUDING 100 YARDS EACH IN GOOD FORM--SIDESTROKE, BREASTSTROKE AND FRONT CRAWL--AND 20 YARDS UNDERWATER.

1 HOUR.

*SECTIONS B, F, AND D MEET FOR THE FULL SIXTEEN WEEKS OF THE SEMESTER.

*SECTIONS B, C, F, M, AND N ARE COEDUCATIONAL.

*SECTIONS C, QQ AND M MEET FIRST EIGHT WEEKS ONLY.

*SECTIONS AA AND N MEET SECOND EIGHT WEEKS ONLY. CLASS BEGINS ON MONDAY, APRIL 3, 1972.

05934	LAB	*AA	8-10	M W	112	H G POOL
05935	LAB	*B	910-955	M W	C NATATOR	IMPE
05935	LAB	*C	10-1140	M W	C NATATOR	IMPE
05940	LAB	*D	11-1215	M W	112	H G POOL
05936	LAB	*F	110-155	M W	N NATATOR	IMPE
05936	LAB	*M	910-1040	TU TH	N NATATOR	IMPE
05941	LAB	*N	1010-1140	TU TH	N NATATOR	IMPE
05937	LAB	*QQ	1-3	TU TH	112	H G POOL

P E M 115 SCUBA DIVING, I.

SAME AS P. E. W. 113.

PREREQUISITE: P. E. M. 112 AND/OR CONSENT OF INSTRUCTOR.

1 HOUR.

A PERMIT IS REQUIRED TO REGISTER AND MAY BE OBTAINED FROM THE OFFICE OF THE BASIC INSTRUCTOR PROGRAM DIRECTORS. EACH STUDENT SHALL BE CERTIFIED BY A MEDICAL DOCTOR AS PHYSICALLY QUALIFIED FOR SCUBA DIVING AND MUST SUCCESSFULLY COMPLETE A SWIMMING ENTRANCE TEST.

*SECTIONS AA AND CC1 MEET THE SECOND EIGHT WEEKS BEGINNING APRIL 3, 1972.

*SECTIONS CC AND PP MEET THE FIRST EIGHT WEEKS.

05944	LAB	*AA	8-10	M W	N NATATOR	IMPE
05942	LAB	*CC	10-12	M W	N NATATOR	IMPE
05945	LAB	*CC1	10-12	M W	N NATATOR	IMPE
05943	LAB	*PP	12-2	TU TH	N NATATOR	IMPE

P E M 116 DIVING.

PREREQUISITE: OPEN ONLY TO STUDENTS WHO SWIM 50 YARDS IN GOOD FORM.

1 HOUR.

*SECTIONS N AND V ARE COEDUCATIONAL.

05946	LAB	A	8-915	M W	C NATATOR	IMPE
05947	LAB	F	1-215	M W	C NATATOR	IMPE
05948	LAB	G	2-315	M W	C NATATOR	IMPE
05949	LAB	M	9-1015	TU TH	C NATATOR	IMPE
05950	LAB	*N	10-1115	TU TH	C NATATOR	IMPE
05951	LAB	*V	11-1215	TU TH	C NATATOR	IMPE

P E M 117 WATER SAFETY. A. R. C. INSTRUCTOR TRAINING.
PREREQUISITE: STRONG SWIMMERS WHO HAVE A CURRENT AMERICAN RED CROSS SR. LIFE SAVING AUTHORIZATION CARD.
1 HOUR.
#SECTION AA AND CC ARE COEDUCATIONAL. SECTION CC MEETS SECOND EIGHT WEEKS STARTING ON MONDAY, APRIL 3, 1972. SECTION AA MEETS FIRST EIGHT WEEKS.

05954	LAB	#AA	8-10	M W	A NATATOR IMPE	
05953	LAB	#CC	10-1215	M W	C NATATOR IMPE	
05952	LAB	I	8-915	TU TH	C NATATOR IMPE	

P E M 119 CANOEING AND SMALL CRAFT OPERATION.
PREREQUISITE: ABILITY TO JUMP OR DIVE INTO DEEP WATER WHILE CLOTHED AND MAINTAIN A SURVIVAL POSITION FOR TEN MINUTES.
1 HOUR.
REGISTRATION IS LIMITED TO STUDENTS WITH FREE PERIOD PRECEDING THE COURSE HOUR. THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS. FOR THE LAST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN MONDAY, APRIL 3, 1972.

05955	LAB	CC	10-12	M W	CRYSTAL LAKE
05956	LAB	EE	1-3	M W	CRYSTAL LAKE
05957	LAB	HH	3-5	M W	CRYSTAL LAKE
05958	LAB	NN	10-12	TU TH	CRYSTAL LAKE
05959	LAB	QQ	1-3	TU TH	CRYSTAL LAKE
05960	LAB	SS	3-5	TU TH	CRYSTAL LAKE

NOTE: FIRST CLASS MEETING WILL BE HELD IN 202 MENS FLD GYM.

P E M 120 BASKETBALL.
PREREQUISITE: NO PLAYING EXPERIENCE IN ORGANIZED BASKETBALL.
1 HOUR.

05961	LAB	C	10	M W F	105	MOG ANNEX
05962	LAB	D	11	M W F	105	MOG ANNEX
05963	LAB	F	1	M W F	105	MOG ANNEX
05964	LAB	G	2	M W F	105	MOG ANNEX
05965	LAB	L	8-915	TU TH	100	H G
05966	LAB	M	9-1015	TU TH	100	H G

P E M 121 SOCCER.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE LAST EIGHT WEEKS OF THE SEMESTER. CLASSES BEGIN MONDAY, APRIL 3, 1972.

05967	LAB	AA	8-10	M W	FLD A H G
05968	LAB	CC	10-12	M W	GREGORY FIELD
05969	LAB	EE	12-2	M W	FLD A H G
05970	LAB	GG	2-4	M W	FLD A H G
05971	LAB	LL	8-10	TU TH	FLD A H G
05972	LAB	NN	10-12	TU TH	FLD A H G
05973	LAB	PP	2-4	TU TH	FLD A H G

NOTE: FIRST CLASS MEETING WILL BE IN EAST BALCONY, HUFF GYM.

P E M 122 VOLLEYBALL.
1 HOUR.
#SECTIONS D, F, G, M, N, AND V ARE COEDUCATIONAL.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

05974	LAB	A	8-915	M W	105	MOG ANNEX
05975	LAB	B	9-1015	M W	105	MOG ANNEX
05978	LAB	#D	11-1215	M W	190	I M P E
05979	LAB	#F	1-215	M W	190	I M P E
05980	LAB	#G	2-315	M W	190	I M P E
05981	LAB	#M	9-1015	TU TH	155	I M P E
05982	LAB	#N	10-1115	TU TH	155	I M P E
05983	LAB	#V	11-1215	TU TH	155	I M P E
05976	LAB	R	2-315	TU TH	105	MOG ANNEX
05977	LAB	S	3-415	TU TH	105	MOG ANNEX

P E M 124 TUMBLING AND FREE EXERCISE.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

05984	LAB	B	9	M W F	312NE	M P G
05985	LAB	C	10	M W F	312NE	M P G
05986	LAB	D	11	M W F	312NE	M P G

P E M 125 TRAMPOLINE AND DOUBLES TUMBLING.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
*SECTION J IS COEDUCATIONAL.

05987	LAB	G	2	M W F	312NE M O G
05988	LAB	M	9-1015	TU TH	312NE M O G
05989	LAB	*J	410-455	M W	311 FREER GYM

P E M 126 APPARATUS STUNTS.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

05990	LAB	N	10-1115	TU TH	312NE M O G
05991	LAB	V	11-1215	TU TH	312NE M O G
05992	LAB	Q	2-315	TU TH	312NE M O G

P E M 127 HANDBALL.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
*SECTIONS F1 AND G1 MEET SECOND EIGHT WEEKS BEGINNING MONDAY, APRIL 3, 1972.

05993	LAB	A	8	M W F	HNDBL CTS IMPE
05994	LAB	B	9	M W F	HNDBL CTS IMPE
05995	LAB	P1	9	M W F	84 H G
05996	LAB	C	10	M W F	HNDBL CTS IMPE
05997	LAB	C1	10	M W F	84 H G
05998	LAB	D	11	M W F	HNDBL CTS IMPE
06005	LAB	*F1	1	MTUWTH	HNDBL CTS IMPE
06006	LAB	*G1	2	MTUWTH	HNDBL CTS IMPE
05999	LAB	L	8-915	TU TH	HNDBL CTS IMPE
06000	LAB	M	9-1015	TU TH	HNDBL CTS IMPE
06001	LAB	N	10-1115	TU TH	HNDBL CTS IMPE
06002	LAB	O	1-215	TU TH	HNDBL CTS IMPE
06003	LAB	R	2-315	TU TH	HNDBL CTS IMPE
06004	LAB	V	11-1215	TU TH	HNDBL CTS IMPE

P E M 128 SQUASH RACQUETS.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.

06007	LAB	A	8	M W F	SQUASH CTS IMPE
06008	LAB	B	9	M W F	SQUASH CTS IMPE
06009	LAB	F	1	M W F	SQUASH CTS IMPE
06010	LAB	G	2	M W F	SQUASH CTS IMPE
06011	LAB	N	10	TU TH	SQUASH CTS IMPE
06012	LAB	V	11	TU TH	SQUASH CTS IMPE

P E M 129 ARCHERY.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
*SECTIONS A, B AND C MEET FOR 1 1/2 HOURS FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.
*SECTIONS D, E, BB, MM, Q AND R MEET FOR 1 1/2 HOURS FOR THE LAST EIGHT WEEKS OF THE SEMESTER.
*SECTIONS A, B, C, D, AND E ARE COEDUCATIONAL.

06013	LAB	*A	8	MTUWTHF	G48 I M P E
06014	LAB	*B	9	MTUWTH	G48 I M P E
06015	LAB	*C	10	MTUWTH	G48 I M P E
06016	LAB	*D	11	MTUWTH	ARCHERY RANGE
06017	LAB	*E	12	MTUWTH	ARCHERY RANGE
06018	LAB	*BB	9-11	M W	ARCHERY RANGE
06019	LAB	*MM	9-11	TU TH	ARCHERY RANGE
06020	LAB	*Q	1-215	MTUWTH	G48 I M P E
06021	LAB	*R	2-315	MTUWTH	G48 I M P E

P E M 130 BADMINTON.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
*SECTIONS P, C, Q AND R ARE COEDUCATIONAL AND MEET FOR FULL 16 WEEKS.
*SECTIONS AA, NN, AND QQ MEET FOR THE FIRST EIGHT WEEKS OF THE SEMESTER FOR 1 1/2 HOURS.
*SECTIONS LL1 AND NN1 MEET FOR THE SECOND EIGHT WEEKS OF THE SEMESTER FOR 1 1/2 HOURS BEGINNING ON MONDAY, APRIL 3, 1972.

06022	LAB	*B	9-1015	M W	155	I M P E
06023	LAB	*C	10-1115	M W	155	I M P E
06024	LAB	*Q	1-215	TU TH	190	I M P E
06025	LAB	*R	2-315	TU TH	190	I M P E
06026	LAB	*AA	8-10	M W	190	I M P E
06029	LAB	*LL1	8-10	TU TH	190	I M P E
06027	LAB	*NN	10-12	TU TH	100	H G
06030	LAB	*NN1	10-12	TU TH	100	H G
06028	LAB	*QQ	1-3	TU TH	100	H G

P E M 132 BOWLING.
1 HOUR.
ALLEY SERVICE CHARGE IS $11.00.
#THESE SECTIONS ARE COEDUCATIONAL.

06031	LAB	A1	8	M W	60	IU ALLEYS
06032	LAB	B1	9	M W	60	IU ALLEYS
06034	LAB	*C	10	M W	60	IU ALLEYS
06035	LAB	*C1	10	M W	60	IU ALLEYS
06036	LAB	*D	11	M W	60	IU ALLEYS
06037	LAB	*D1	11	M W	60	IU ALLEYS
06038	LAB	*E	12	M W	60	IU ALLEYS
06039	LAB	*F1	1	M W	60	IU ALLEYS
06040	LAB	*G	2	M W	60	IU ALLEYS
06041	LAB	*H	3	M W	60	IU ALLEYS
06033	LAB	M	9	TU TH	60	IU ALLEYS
06042	LAB	*N	10	TU TH	60	IU ALLEYS
06043	LAB	*N1	10	TU TH	60	IU ALLEYS
06044	LAB	*P	12	TU TH	60	IU ALLEYS
06045	LAB	*V	11	TU TH	60	IU ALLEYS
06046	LAB	*V1	11	TU TH	60	IU ALLEYS
06047	LAB	*Q	1	TU TH	60	IU ALLEYS
06048	LAB	*R	2	TU TH	60	IU ALLEYS
06049	LAB	*S	3	TU TH	60	IU ALLEYS

P E M 133 BOWLING. II.
PREREQUISITE: P. E. M. 132 OR CONSENT OF INSTRUCTOR.
1 HOUR.
ALLEY SERVICE CHARGE IS $11.00.

06050	LAB	L	8	TU TH	60	IU ALLEYS

P E M 134 GOLF. I.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE LAST EIGHT WEEKS OF THE SEMESTER BEGINNING MONDAY APRIL 3, 1972.
STUDENT IS RESPONSIBLE FOR GETTING TRANSPORTATION TO AND FROM THE GOLF RANGE ON RT. 45 NORTH. MAY PROVIDE OWN CAR OR RIDE WITH CLASSMATE. RANGE SERVICE CHARGE IS $8.00.

06051	LAB	BB	9-11	M W	ROUTE 45 NORTH	
06052	LAB	CC	10-12	M W	ROUTE 45 NORTH	
06053	LAB	DD	11-1	M W	ROUTE 45 NORTH	
06054	LAB	LL	8-10	TU TH	ROUTE 45 NORTH	
06055	LAB	MM	9-11	TU TH	ROUTE 45 NORTH	
06056	LAB	NN	10-12	TU TH	ROUTE 45 NORTH	
06057	LAB	VV	11-1	TU TH	ROUTE 45 NORTH	

NOTE: FIRST CLASS MEETING WILL BE HELD IN WEST BALCONY, HUFF GYM.

P E M 135 GOLF. II.
SAME AS P. E. W. 135.
FEE, $18.00. EIGHT WEEK UNIT.
PREREQUISITE: P. E. M. OR P. E. W. 134, AND CONSENT OF INSTRUCTOR.
1 HOUR.
IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF. $18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP TRANSPORTATION FROM FREER GYM TO PAR 3 ON U. S. ROUTE 45 SOUTH.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 3, 1972.

06058	LAB	MM	910-1040	M W	PAR 3 RT 45 SOU	
06059	LAB	VV	1110-1240	M W	PAR 3 RT 45 SOU	

NOTE: FIRST CLASS MEETING WILL BE HELD IN 210 FREER GYM.

P E M 136 TRACK AND FIELD ATHLETICS.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 3. 1972.

06060	LAB	CC	8-10	M W	STADIUM FIELD
06061	LAB	FF	1-3	M W	EAST ILL FIELD
06062	LAB	MM	10-12	TU TH	STADIUM FIELD

NOTE: FIRST CLASS MEETING WILL BE HELD IN ROOM 190 I M P E.

P E M 137 TENNIS. I.
1 HOUR.
NOTE: BEFORE ENROLLING SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET TWICE A WEEK FOR 1 1/2 HOURS FOR THE LAST EIGHT WEEKS OF THE SEMESTER BEGINNING MONDAY APRIL 3. 1972
SECTIONS A. B. AND U ARE COEDUCATIONAL.

06062	LAB	AA	810-855	MTUWTH	W STADIUM CTS
06063	LAB	AB	910-1055	MTUWTH	W STADIUM CTS
06063	LAB	AA	8-10	M W	GREG DRIVE CTS
06064	LAB	AA1	8-10	M W	E STADIUM CTS
06065	LAB	AA2	8-10	M W	H G COURTS
06066	LAB	CC	10-12	M W	GREG DRIVE CTS
06067	LAB	CC1	10-12	M W	E STADIUM CTS
06068	LAB	CC2	10-12	M W	H G COURTS
06069	LAB	FF	1-3	M W	E STADIUM CTS
06070	LAB	GG	2-4	M W	GREG DRIVE CTS
06071	LAB	HH1	3-5	M W	E STADIUM CTS
06072	LAB	FF	12-2	M W	GREG DRIVE CTS
06073	LAB	LL	8-10	TU TH	GREG DRIVE CTS
06074	LAB	LL1	8-10	TU TH	E STADIUM CTS
06075	LAB	LL2	8-10	TU TH	H G COURTS
06076	LAB	MM	10-12	TU TH	GREG DRIVE CTS
06077	LAB	MM1	10-12	TU TH	E STADIUM CTS
06078	LAB	PP	12-2	TU TH	GREG DRIVE CTS
06079	LAB	QQ	1-3	TU TH	E STADIUM CTS
06080	LAB	RR	2-4	TU TH	GREG DRIVE CTS
06081	LAB	SS1	3-5	TU TH	E STADIUM CTS
06084	LAB	AU	410-455	MTUWTH	W STADIUM CTS

NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY HUFF GYM.

P E M 138 TENNIS. II.
PREREQUISITE: P. E. M. 137 AND/OR CONSENT OF INSTRUCTOR.
1 HOUR.
THESE CLASSES MEET TWICE A WEEK FOR ONE HOUR AND 30 MINUTES FOR THE LAST HALF OF THE SEMESTER BEGINNING ON MONDAY, APRIL 3. 1972.

06085	LAB	FF	1-3	M W	H G COURTS
06086	LAB	MM	10-12	TU TH	H G COURTS
06087	LAB	QQ	1-3	TU TH	H G COURTS

NOTE: FIRST CLASS MEETING WILL BE HELD IN NORTH BALCONY HUFF GYM.

P E M 139 TECHNIQUES IN ANGLING.
SAME AS P. E. M. 139.
1 HOUR.
NOTE: BEFORE ENROLLING. SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
THESE CLASSES MEET THE LAST EIGHT WEEKS BEGINNING MONDAY APRIL 3. 1972.

06088	LAB	FF	110-240	M W	155 I M P E
06089	LAB	QQ	110-240	TU TH	155 I M P E

P E M 142 BALLROOM DANCE.
1 HOUR.
ALL SECTIONS ARE COEDUCATIONAL.

06090	LAB	J	4-445	M W	D/R WEST FLAGG
06091	LAB	H	3-345	M W	D/R WEST FLAGG
06092	LAB	K	5-545	M W	D/R WEST FLAGG
06093	LAB	S	3-345	TU TH	6 OGLESBY
06094	LAB	T	4-445	TU TH	6 OGLESBY
06095	LAB	U	5-545	TU TH	6 OGLESBY
06096	LAB	X	630-715PM	TU TH	D/R WEST FLAGG
06097	LAB	Y	730-815PM	TU TH	D/R WEST FLAGG
06098	LAB	Z	830-915PM	TU TH	D/R WEST FLAGG

P E M 143 BALLROOM DANCE. II.
SAME AS P. E. W. 143.
PREREQUISITE: P. E. W. OR P. E. M. 142 OR CONSENT OF INSTRUCTOR.
1 HOUR.

06099	LAB	L	630-715PM	M W	6	OGLESBY
06100	LAB	M	730-815PM	M W	6	OGLESBY
06101	LAB	S	1-145	TU TH	130	I M P E

P E M 144 AMERICAN SQUARE DANCING.
1 HOUR.
SECTIONS G AND P ARE COEDUCATIONAL.

06102	LAB	G	2-245	M W	130	I M P E
06103	LAB	P	12-1245	TU TH	130	I M P E

P E M 145 INTERNATIONAL FOLK DANCE.
SAME AS P. E. W. 145.
1 HOUR.

06104	LAB	F	1-145	M W	130	I M P E
06105	LAB	P	10-1045	TU TH	130	I M P E
06106	LAB	Q	11-1145	TU TH	130	I M P E

P E M 146 FIGURE SKATING. I.
SAME AS P. E. W. 146.
1 HOUR.
NOTE: BEFORE ENROLLING, SEE NOTE AT BEGINNING OF BASIC INSTRUCTION COURSES.
ALL SECTIONS ARE COEDUCATIONAL. THESE CLASSES MEET MONDAY THROUGH FRIDAY FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

06107	LAB	A	810-855	MTUWTHF	120S	ICE RINK
06108	LAB	B	910-955	MTUWTHF	120S	ICE RINK
06109	LAB	C	1010-1055	MTUWTHF	120S	ICE RINK
06110	LAB	E	110-155	MTUWTHF	120S	ICE RINK
06111	LAB	EE	110-155	MTUWTHF	120N	ICE RINK
06112	LAB	G	210-255	MTUWTHF	120S	ICE RINK
06113	LAB	GG	210-255	MTUWTHF	120N	ICE RINK

P E M 147 FIGURE SKATING. II.
SAME AS P. E. W. 147.
PREREQUISITE: P. E. M. OR P. E. W. 146, OR CONSENT OF INSTRUCTOR.
1 HOUR.
THESE CLASSES MEET FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

06114	LAB	A	810-855	MTUWTHF	120N	ICE RINK
06115	LAB	B	910-955	MTUWTHF	120N	ICE RINK
06116	LAB	C	1010-1055	MTUWTHF	120N	ICE RINK
06117	LAB	D	1110-1155	MTUWTHF	120S	ICE RINK
06118	LAB	E	1210-1255	MTUWTHF	120S	ICE RINK

P E M 148 FIGURE SKATING. III.
SAME AS P. E. W. 148.
PREREQUISITE: P. E. M. OR P. E. W. 147, OR CONSENT OF INSTRUCTOR.
1 HOUR.
THESE CLASSES MEET FOR THE FIRST EIGHT WEEKS OF THE SEMESTER.

06119	LAB	D	1110-1155	MTUWTHF	120N	ICE RINK
06120	LAB	E	1210-1255	MTUWTHF	120N	ICE RINK

P E M 149 BASIC MOVEMENT.
PREREQUISITE: MUSIC MAJOR.
1 HOUR.

06121	LAB	T	4-515	TU TH	26	E 9

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR MEN

DEPARTMENT OFFICE 119 H G

P E M 150 INTRODUCTION TO PHYSICAL EDUCATION.
2 HOURS.
06122 LECT-DISC C 10 M W F 207 H G

P E M 151 BEGINNING BASKETBALL.
2 HOURS.
*SECTION AA1 ALTERNATES FRIDAYS WITH P E M 152.
06124 LAB-DISC *AA1 8-10 TU THF 209 H G
06123 LAB-DISC E 1 M W F 243 ARMORY
NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS IN 100 H G BY ARRANGEMENT.

P E M 152 BEGINNING FOOTBALL.
2 HOURS.
ALTERNATES FRIDAYS WITH P E M 151. SECTION AA1.
06125 LAB-DISC *AA1 8-10 M W F 209 H G
06126 LAB-DISC *AA2 8-10 M W F 209 H G
NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS ON HUFF GYM FIELDS BY ARRANGEMENT.

P E M 153 FITNESS PROGRAMS.
2 HOURS.
06127 LAB-DISC F1 1 MTUWTHF 209 H G
06128 LAB-DISC F2 1 MTUWTHF 209 H G
NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETINGS BY ARRANGEMENT.

P E M 154 SWIMMING.
2 HOURS.
06129 LAB-DISC F1 2 MTUWTHF N NATATOR IMPE
06130 LAB-DISC F2 2 MTUWTHF N NATATOR IMPE

P E M 155 GYMNASTICS.
1 HOUR.
06131 LAB-DISC A 8 M W F 312NE M O G
NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG BY ARRANGEMENT.

P E M 156 WRESTLING.
1 HOUR.
FIRST HALF OF SEMESTER.
06132 LAB-DISC BB1 9 MTUWTHF 115 MOG ANNEX
NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS IN MOG ANNEX BY ARRANGEMENT.

P E M 157 TRACK AND FIELD.
1 HOUR.
LECTURE ON FRIDAYS, ALTERNATING WITH PEM 158.
SECOND HALF OF SEMESTER BEGINNING ON TUESDAY, APRIL 4.
06133 LAB-DISC LL1 8-10 TU THF WEST STADIUM
06134 LAB-DISC LL2 8-10 TU THF WEST STADIUM
NOTE: INSTRUCTORS WILL SCHEDULE LAB MEETING ON STADIUM TRACK BY ARRANGEMENT. FIRST MEETING IN WEST GREAT HALL OF MEMORIAL STADIUM.

P E M 158 BASEBALL.
1 HOUR.
LECTURE ON FRIDAYS, ALTERNATING WITH PEM 157.
SECOND HALF OF SEMESTER BEGINNING ON WEDNESDAY, APRIL 5.
06135 LAB-DISC AA1 8-10 M W F 202 M O G
06136 LAB-DISC AA2 8-10 M W F 202 M O G
NOTE: INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON THE BASEBALL DIAMOND BY ARRANGEMENT.

P E M 161 SPECIAL SPORTS (SOCCER AND VOLLEYBALL).
1 HOUR.
SOCCER BEGINS ON WEDNESDAY, APRIL 5, ON FIELD A, H G.
06137 LAB-DISC CC 10-12 M W 100 H G

P E M 163 SPECIAL SPORTS (LACROSSE AND HANDBALL).
1 HOUR.
INSTRUCTOR WILL SCHEDULE LAB MEETINGS ON FIELD B, HUFF GYM.
LACROSSE WILL BEGIN ON MONDAY, APRIL 3, ON FIELD B, HUFF GYM.

06138	LAB-DISC	EF	1-3	M W	HNDBL CTS	IMPE

P E M 164 SPECIAL SPORTS (GOLF AND FENCING).
SAME AS P. E. W. 164.
1 HOUR.
GOLF WILL BEGIN ON TUESDAY APRIL 4.

06139	LAB-DISC	RR	1-3	TU TH	190	I M P E

P E M 165 ARCHERY-BADMINTON.
1 HOUR.
ARCHERY WILL BEGIN ON TUESDAY, APRIL 4, IN ROOM G48, IMPE.

06140	LAB-DISC	NN	10-12	TU TH	190	I M P E

P E M 166 ELEMENTARY SCHOOL GAMES.
3 HOURS.
*ONE ADDITIONAL HOUR PER WEEK CONFERENCE TO BE ARRANGED.
MEETS WITH P. E. W. 166.

06141	LECT-DISC	N	*9-11	TU TH	11	FREER GYM
06142	LECT-DISC	C	*10-12	W F	11	FREER GYM
06143	LECT-DISC	F	*1-3	TU TH	209	H G

P E M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION X IS FOR 2 HOURS CREDIT.
LAB SESSIONS TO BE ARRANGED AT ST. MATTHEWS SCHOOL, CHAMPAIGN.

06144	CONF	X	12	TU TH	209	H G

P E M 204 ADMINISTRATION OF PHYSICAL EDUCATION.
PREREQUISITE: SENIOR STANDING IN PHYSICAL EDUCATION.
3 HOURS.
THIS COURSE WILL NOT MEET DURING THE SIX WEEKS
STUDENT TEACHING PERIOD.

06145	LECT-DISC	D	11	MTUWTHF	207	H G

P E M 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION AND RECREATION.
3 HOURS.
*SIX ADDITIONAL LABORATORY SESSIONS 3-5 P.M. M. OR 7-9 P.M. TU.
THIS COURSE WILL NOT MEET DURING THE SIX-WEEK
STUDENT TEACHING PERIOD.

06146	LECT-DISC	C	*10	MTUWTHF	300	H G

P E M 206 KINESIOLOGY.
SAME AS P. E. W. 206.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.
*SECTION X FOR REHABILITATION STUDENTS ONLY.

06147	LECT-DISC	C	8-10	M W	329	ARMORY
06148	LECT-DISC	F	1-3	M W	130	FREER GYM
06149	LECT-DISC	O	10-12	TU TH	130	FREER GYM
06150	LECT-DISC	*X	1	M W F	REHAB CENTER	

P E M 207 PREVENTION AND CARE OF ATHLETIC INJURIES.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.

06151	LECT-DISC	M	9	TU TH	207	H G
	LAB-DISC	M	11-1	TU	WEST STADIUM	

P E M 208 THEORY OF PRESCRIBING EXERCISE.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.
*THREE ADDITIONAL HOURS TO BE ARRANGED.

06152	LECT-DISC	L	*8	TU TH	202	M O G
	LAB-DISC	L	*ARR			

P E M 209 HISTORY OF SPORT.
SAME AS P. E. W. 209.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTION D1 IS RECOMMENDED FOR NON-MAJORS.

06153	LECT-DISC	D	11	M W F	316S	M H
06156	LECT-DISC	*D1	11	M W F	209	H G
06154	LECT-DISC	R	1	TU TH	130	FREER GYM
		R	2	TH	130	FREER GYM
06155	LECT-DISC	R1	1	TU TH	316N	M H
		R1	2	TH	316S	M H

P E M 210 INSPECTION TRIP.
0 CREDIT.
THREE DAYS--ESTIMATED EXPENSE, $30 TO $40.
32ND ANNUAL OBSERVATION TRIP--DATES TO BE ANNOUNCED.
FIRST MEETING-TUESDAY FEBRUARY 8, 7 PM, 209 HUFF GYM. FINAL MEETING TO BE ARRANGED.

06157	LAB-DISC	ARR	

P E M 213 ADVANCED FOOTBALL.
PREREQUISITE: P. E. M. 152.
1 HOUR.
SECOND HALF OF SEMESTER BEGINNING ON WEDNESDAY, APRIL 5.

06158	LAB-DISC	DD	11	M W F	154	ARMORY

P E M 214 ADVANCED BASKETBALL.
PREREQUISITE: P. E. M. 151.
1 HOUR.
FIRST HALF OF SEMESTER.

06159	LAB-DISC	DD	11	M W F	154	ARMORY

P E M 215 ADVANCED GYMNASTICS.
PREREQUISITE: P. E. M. 155, OR CONSENT OF INSTRUCTOR.
2 HOURS.
PLUS ADDITIONAL 2 HOURS OF LABORATORY WORK PER WEEK TO BE ARRANGED.

06160	LAB-DISC	D	*11	M W F	202	M O G

P E M 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, AND A NON-PHYSICAL EDUCATION STUDENT.
2 HOURS.
MEETS WITH P. E. W. 220.

06161	LECT-DISC	F1	1	M W F	26	E B
06162	LECT-DISC	F2	1	M W F	11	E B
06163	LECT-DISC	G1	2	M W F	26	E B
06164	LECT-DISC	G2	2	M W F	11	E B

P E M 225 SUPERVISED EXPERIENCE IN PHYSICAL EDUCATION.
PREREQUISITE: JUNIOR STANDING.
*MUST BE REPEATED FOR A TOTAL OF 3 HOURS. TWO HOURS CREDIT IS EARNED WHEN FIRST COMPLETED AND 1 HOUR WHEN REPEATED.
*1 OR 2 HOURS.
NOTE: FIRST CLASS MEETING WILL BE HELD ON MONDAY, FEB. 3, 1972, AT 5:45 P. M. IN 209 HUFF GYM.

06165	LAB-DISC	ARR	

P E M 235 SQUARE AND BALLROOM DANCE.
SAME AS P. E. W. 235.
2 HOURS.

06166	LAB	X	7-9PM	M W	26	E B

P E M 240 PHYSIOLOGY OF HUMAN EXERCISE.
SAME AS P. E. W. 240.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.

06167	LECT-DISC	E	2	MTUWTH	207	H G

P E M 290 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

06168	LECT-DISC	ARR	

P E M 260 HONORS SEMINAR.
SAME AS H. ED. P. E. W., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER: CONSENT OF FACULTY ADVISOR, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

06169	LECT-DISC	*&X1	7-9PM	W	350A FREER GYM
06170	LECT-DISC	*&X2	7-9PM	W	207B FREER GYM

P E M 271 ADMINISTRATION OF HIGH SCHOOL SPORT PROGRAMS.
3 HOURS.

06171	LECT-DISC	C	10	M W F	211	H G

P E M 272 ORGANIZATION OF AQUATIC PROGRAMS.
SAME AS P. E. W. AND REC. 272.
2 HOURS.

06172	LECT-DISC	B	9	TU TH	243	ARMORY

PHYSICAL EDUCATION

DEPARTMENT OFFICE 121 HUFF GYM

P E 302 PROBLEMS OF FACILITIES PLANNING, CONSTRUCTION, AND UTILIZATION.
PREREQUISITE: P. E. M. 204 OR P. E. W. 204, OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 1 UNIT.

06173	LECT-DISC		7-9PM	W	207 H G	KELLER

P E 303 INTERNATIONAL PHYSICAL EDUCATION AND SPORT.
PREREQUISITE: P. E. W. OR P. E. M. 209, OR CONSENT OF INSTRUCTOR.
2 HOURS, OR 1/2 OR 1 UNIT.
*TWO ADDITIONAL HOURS TO BE ARRANGED.

06174	LECT-DISC	*7-9PM	M	130	FREER GYM	JOHNSON

P E 306 QUANTITATIVE METHODS IN ERGONOMICS.
SAME AS I. E. AND PHYSL. 306.
PREREQUISITE: I.E./P.E./PHYSL. 305.
4 HOURS OR 1 UNIT.

06175	LAB		1-4	TU TH	422	BUR HALL	HERTIG

P E 394 SPECIAL TOPICS IN PHYSICAL EDUCATION.
PREREQUISITE: TO BE DETERMINED FOR EACH SUBJECT AND WILL BE INDICATED IN THE TIME TABLE.
2 OR 4 HOURS, OR 1/2 OR 1 UNIT.
*TWO ADDITIONAL HOURS TO BE ARRANGED.

06176	LECT-DISC	*7-9PM	TH	1-6	FREER GYM	HOYMAN

P E 401 ADMINISTRATION OF PHYSICAL EDUCATION AND SPORT.
PREREQUISITE: P. E. M. OR P. E. W. 204 OR EQUIVALENT.
1 UNIT.

06177	LECT-DISC		10-12	TU TH	207B FREER GYM	HUELSTER

P E 406 PRINCIPLES OF KINESIOTHERAPY.
PREREQUISITE: ANATOMY, PHYSIOLOGY, KINESIOLOGY, AND PHYSIOLOGY OF EXERCISE, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*THREE ADDITIONAL HOURS IN EXERCISE THERAPY CLINIC SELECTED FROM THE PERIODS 2-6 M, W, OR F.

06178	LECT-DISC	*11	TU TH	200	M O C	SHELTON

P E 416 EXPERIMENTAL KINESIOLOGY.
PREREQUISITE: PHYSL. 234 OR EQUIVALENT: P. E. M. OR P. E. W. 206 OR EQUIVALENT: OR CONSENT OF INSTRUCTOR.
1 UNIT.

06179	LECT		1-3	M	81	FREER GYM	HUELSTER
	LAB		1-3	W	81	FREER GYM	DEUTSCH

P E 449 THE SOCIOLOGY OF SPORT.
SAME AS SOC. 449.
PREREQUISITE: NINE HOURS OF SOCIOLOGY OR ANTHROPOLOGY INCLUDING A COURSE IN RESEARCH METHODS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06180	LECT-DISC		1-4	F	207	H G	LUESCHEN

P E 452 SCIENTIFIC ANALYSIS OF PHYSICAL EDUCATION ACTIVITIES.
PREREQUISITE: ANATOMY, PHYSIOLOGY, KINESIOLOGY, ELEMENTARY PHYSICS, ALGEBRA AND TRIGONOMETRY, OR CONSENT OF INSTRUCTOR.
1 UNIT.
*TWO ADDITIONAL HOURS TO BE ARRANGED.

06181	LECT-DISC		*4-6	M	209	H G	MASSEY
	LAB		*4-6	W	306	H G	MASSEY

P E 490 SEMINAR.
0 CREDIT.

06182	LECT-DISC	U1	4	TH	209	H G	MASSEY
06183	LECT-DISC	U2	4	TH	130	FREER GYM	JOHNSON
06184	LECT-DISC	U3	4	TH	357	FREER GYM	SCUDER

P E 493 INDEPENDENT STUDY.
1/2 OR 1 UNIT.

06185	CONF	ARR		STAFF

P E 499 THESIS RESEARCH.
0 TO 4 UNITS.

06186	CONF	ARR		STAFF

PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE 117 FREER GYM

BASIC INSTRUCTION COURSES

FRESHMEN AND SOPHOMORES: OF THE FOUR SEMESTERS REQUIRED IN PHYSICAL EDUCATION, THE DEPARTMENT RECOMMENDS ONE SEMESTER OF SWIMMING.

TIME INDICATED IS ACTUAL MEETING TIME OF THE CLASS.

NOTE: SEVERAL PEW BASIC INSTRUCTION COURSES HAVE BEEN ARRANGED IN SEQUENCES IN ORDER TO FACILITATE REGISTRATION OF ADVANCE ENROLLEES. THESE SEQUENCES ARE AS FOLLOWS:

SEQUENCE 1 - PEW 104, 105, 140
SEQUENCE 2 - PEW 142, 144, 145
SEQUENCE 3 - PEW 120, 122, 125, 126, 127
SEQUENCE 4 - PEW 107, 129, 130, 136

STUDENTS REQUESTING A COURSE IN ONE OF THE ABOVE SEQUENCES WILL BE SCHEDULED IN ONE OF THE OTHER COURSES IN THAT SEQUENCE IF SECTIONS OF THE REQUESTED COURSE ARE CLOSED.

CREDIT(S) MAY BE EARNED BY SUCCESSFUL COMPLETION OF PROFICIENCY EXAMINATION(S). APPLICATIONS MAY BE SECURED FROM AND FILED IN 126 FREER GYM.

WOMEN ENROLLING IN PEM 119 OR 139 SHALL BE GRANTED CREDIT.

P E W 100 BASIC MOVEMENT.
1 HOUR.
*SECTION V MEETS WITH PEM 149--OPEN ONLY TO VOICE AND THEATRE MAJORS.

06187	LAB	U	310-355	TU TH	26	E B
06188	LAB	*V	410-455	TU TH	26	E B

P E W 101 PRESCRIBED EXERCISE.
PREREQUISITE: RECOMMENDATION FROM HEALTH SERVICE OR DEPARTMENT OF PHYSICAL EDUCATION FOR WOMEN IS NECESSARY FOR REGISTRATION.
1 HOUR.
*SECTIONS I AND X ARE FOR PARAPLEGIC AND HANDICAPPED STUDENTS.

06190	LAB	*I	410-455	M W	116	E B POOL
06189	LAB	O	910-955	TU TH	215	FREER GYM
06191	LAB	*X	APR		REHAB CENTER	

P E W 103 CONDITIONING AND FIGURE CONTROL.
1 HOUR.

06192	LAB	B	910-955	M W	215	FREER GYM
06193	LAB	C	1010-1055	M W	215	FREER GYM
06194	LAB	D	1110-1155	M W	G40B	I M P E
06195	LAB	E	1210-1255	M W	G40B	I M P E
06196	LAB	F	110-155	M W	215	FREER GYM
06197	LAB	H	310-355	M W	215	FREER GYM
06198	LAB	I	410-455	M W	215	FREER GYM
06199	LAB	O	910-955	TU TH	G40B	I M P E
06200	LAB	P	1010-1055	TU TH	G40B	I M P E
06201	LAB	S	110-155	TU TH	215	FREER GYM
06202	LAB	T	210-255	TU TH	215	FREER GYM
06203	LAB	U	310-355	TU TH	215	FREER GYM

P E W 104 TUMBLING AND TRAMPOLINING.
1 HOUR.
*SECTION I IS COEDUCATIONAL.

06206	LAB	*I	410-455	M W	311	FREER GYM
06204	LAB	T	210-255	TU TH	311	FREER GYM
06205	LAB	V	410-455	TU TH	311	FREER GYM

P E W 105 MODERN GYMNASTICS. I.
1 HOUR.

06207	LAB	O	1110-1155	TU TH	311	FREER GYM
06208	LAB	S	110-155	TU TH	311	FREER GYM
06209	LAB	H	310-355	M W	311	FREER GYM

P E W 106 MODERN GYMNASTICS. II.
PREREQUISITE: P. E. W. 105 OR CONSENT OF INSTRUCTOR.
1 HOUR.

06210	LAB	G	210-255	M W	311	FREER GYM
06211	LAB	R	1210-1255	TU TH	311	FREER GYM

P E W 107 FENCING.
1 HOUR.
*SECTIONS C, D, E, F, G, AND H MEET THE FIRST EIGHT WEEKS.
*SECTION CC AND DD ARE COEDUCATIONAL.

06212	LAB	B	910-955	M W	11	FREER GYM
06213	LAB	*C	1010-1055	MTUWTH	G26	I M P E
06214	LAB	*D	1110-1155	MTUWTH	G26	I M P E
06215	LAB	*E	1210-1255	MTUWTH	11	FREER GYM
06216	LAB	*F	110-155	MTUWTH	11	FREER GYM
06217	LAB	*G	210-255	MTUWTH	11	FREER GYM
06218	LAB	*H	310-355	MTUWTH	11	FREER GYM
06219	LAB	*CC	1010-1055	M W	130	I M P E
06220	LAB	*DD	1110-1155	M W	130	I M P E

P E W 109 PERSONAL DEFENSE.
1 HOUR.
*SECTIONS AA, CC, D AND E MEET LAST EIGHT WEEKS, BEGINNING APRIL 3.
*SECTIONS A, B, AND C MEET THE FIRST EIGHT WEEKS.

06225	LAB	*A	810-855	MTUWTH	10	FREER GYM
06228	LAB	*AA	810-855	MTUWTH	10	FREER GYM
06226	LAB	*B	910-955	MTUWTH	26	E B
06227	LAB	*C	1010-1055	MTUWTH	26	E B
06229	LAB	*CC	1010-1055	MTUWTH	G26	I M P E
06230	LAB	*D	1110-1155	MTUWTH	G26	I M P E
06231	LAB	*E	1210-1255	MTUWTH	G26	I M P E
06221	LAB	I	410-455	M W	26	E B
06222	LAB	J	510-555	M W	26	E B
06223	LAB	S	110-155	TU TH	G26	I M P E
06224	LAB	T	210-255	TU TH	G26	I M P E

P E W 110 ELEMENTARY SWIMMING.

1 HOUR.

*SECTIONS A, B, D, F, AND H MEET FIRST EIGHT WEEKS.

*SECTION G MEETS LAST EIGHT WEEKS, BEGINNING APRIL 3.

06232	LAB	*A	810-855	MTUWTH	191	FREERPOOL
06233	LAB	*B	910-955	MTUWTH	191	FREERPOOL
06234	LAB	*D	1110-1155	MTUWTH	191	FREERPOOL
06235	LAB	*F	110-155	MTUWTH	191	FREERPOOL
06237	LAB	*G	210-255	MTUWTH	116	E B POOL
06236	LAB	*H	310-355	MTUWTH	116	E B POOL

P E W 111 SUB-INTERMEDIATE SWIMMING.

1 HOUR.

*SECTIONS D AND F MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.

*SECTIONS E AND I MEET FIRST EIGHT WEEKS.

06240	LAB	*D	1110-1155	MTUWTH	191	FREERPOOL
06238	LAB	*E	1210-1255	MTUWTH	191	FREERPOOL
06241	LAB	*F	110-155	MTUWTH	116	E B POOL
06239	LAB	*I	410-455	MTUWTH	191	FREERPOOL

P E W 112 INTERMEDIATE SWIMMING.

1 HOUR.

*SECTION I MEETS THE SECOND EIGHT WEEKS BEGINNING APRIL 3.

06242	LAB	C	210-255	M W	191	FREERPOOL
06244	LAB	*I	410-455	MTUWTH	191	FREERPOOL
06243	LAB	B	1010-1055	TU TH	191	FREERPOOL

P E W 113 SCUBA DIVING. I.

SAME AS P. E. M. 115.

PREREQUISITE: P. E. W. 112 AND/OR CONSENT OF INSTRUCTOR.

1 HOUR.

A PERMIT IS REQUIRED TO REGISTER AND MAY BE OBTAINED FROM THE OFFICES OF THE BASIC INSTRUCTOR PROGRAM DIRECTORS. EACH STUDENT SHALL BE CERTIFIED BY A MEDICAL DOCTOR AS PHYSICALLY QUALIFIED FOR SCUBA DIVING AND MUST SUCCESSFULLY COMPLETE A SWIMMING ENTRANCE TEST.

*SECTIONS CC AND PP MEET FIRST EIGHT WEEKS.

*SECTIONS AA AND CC1 MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.

06247	LAB	*AA	8-10	M W	N	NATATOR IMPE
06245	LAB	*CC	10-12	M W	N	NATATOR IMPE
06249	LAB	*CC1	10-12	M W	N	NATATOR IMPE
06246	LAB	*PP	12-2	TU TH	N	NATATOR IMPE

P E W 114 LIFE SAVING.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR. ABILITY TO SWIM 18 LENGTHS OF FRONT CRAWL, BREAST STROKE AND SIDE STROKE.

1 HOUR.

MEETS WITH P. E. M. 114.

*SECTIONS C AND O MEET THE FIRST EIGHT WEEKS.

*SECTION P MEETS THE SECOND EIGHT WEEKS, BEGINNING APRIL 3.

06249	LAB	B	910-955	M W	C	NATATOR IMPE
06251	LAB	*C	1010-1140	M W	C	NATATOR IMPE
06250	LAB	F	110-155	M W	N	NATATOR IMPE
06252	LAB	*O	910-1040	TU TH	N	NATATOR IMPE
06253	LAB	*P	1010-1140	TU TH	N	NATATOR IMPE

P E W 115 SYNCHRONIZED SWIMMING.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.

1 HOUR.

*SECTION H IS FOR INTERMEDIATE LEVEL SKILL.

06255	LAB	*H	310-355	M W	191	FREERPOOL
06254	LAB	I	210-255	TU TH	191	FREERPOOL

P E W 116 DIVING.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.

1 HOUR.

*SECTIONS P AND Q ARE CO-EDUCATIONAL.

06257	LAB	*P	1010-1055	TU TH	C	NATATOR IMPE
06258	LAB	*Q	1110-1155	TU TH	C	NATATOR IMPE
06256	LAB	T	210-255	TU TH	C	NATATOR IMPE

P E W 117 WATER SAFETY.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR AND A CURRENT AMERICAN RED CROSS SENIOR LIFE SAVING AUTHORIZATION CARD.
1 HOUR.
*SECTIONS A AND C ARE CO-EDUCATIONAL.
SECTION A MEETS THE FIRST EIGHT WEEKS.
SECTIONS C AND S MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.

06260	LAB	*A	810-940	M W	N	NATATOR IMPE
06259	LAB	*C	1010-1140	M W	C	NATATOR IMPE
06261	LAB	*S	1210-140	TU TH	C	NATATOR IMPE

P E W 118 COMPETITIVE SWIMMING.

PREREQUISITE: P. E. W. 112 OR CONSENT OF INSTRUCTOR.
1 HOUR.

06262	LAB	T	310-355	TU TH	191	FREERPOOL

P E W 120 BASKETBALL.

1 HOUR.

06263	LAB	A	810-855	M W	105	I M P E
06264	LAB	B	910-955	M W	105	I M P E
06265	LAB	G	210-255	M W	105	I M P E
06266	LAB	O	910-955	TU TH	310	FREEP GYM
06267	LAB	P	1010-1055	TU TH	310	FREER GYM
06268	LAB	Q	1110-1155	TU TH	310	FREER GYM

P E W 122 VOLLEYBALL.

1 HOUR.
*SECTIONS DD, F, G, O, P, AND Q ARE COEDUCATIONAL.
*SECTIONS FF AND GG MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.

06269	LAB	A	810-855	M W	26	E B
06270	LAB	C	1010-1055	M W	105	I M P E
06271	LAB	D	1110-1155	M W	105	I M P E
06276	LAB	*DD	1110-1155	M W	190	I M P E
06277	LAB	*F	110-155	M W	190	I M P E
06282	LAB	*FF	110-155	MTUWTH	310	FREER GYM
06278	LAB	*G	210-255	M W	190	I M P E
06283	LAB	*GG	210-255	MTUWTH	310	FREER GYM
06272	LAB	H	310-355	M W	26	E B
06273	LAB	N	810-855	TU TH	26	E B
06279	LAB	*O	910-955	TU TH	155	I M P E
06280	LAB	*P	1010-1055	TU TH	155	I M P E
06281	LAB	*Q	1110-1155	TU TH	155	I M P E
06274	LAB	S	110-155	TU TH	105	I M P E
06275	LAB	T	210-255	TU TH	105	I M P E

P E W 126 LACROSSE.

1 HOUR.
MEETS SECOND EIGHT WEEKS ONLY, BEGINNING APRIL 3.
FIRST CLASS MEETS IN 210 FREER GYM.

06284	LAB	C	1010-1055	MTUWTH	SPEEDBALL FREEP

P E W 129 ARCHERY.

1 HOUR.
SECTIONS A, D, E, F, G, H, AND I MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.
*SECTIONS B, C, D, AND E ARE COEDUCATIONAL.
FIRST CLASS MEETS IN 11 FREER GYM.

06285	LAB	A	810-855	MTUWTH	ARCHERY	RANGE
06290	LAB	*B	910-955	MTUWTH	G48	I M P E
06291	LAB	*C	1010-1055	MTUWTH	G48	I M P E
06292	LAB	*D	1110-1155	MTUWTH	ARCHERY	RANGE
06293	LAB	*E	1210-1255	MTUWTH	ARCHERY	RANGE
06286	LAB	F	110-155	MTUWTH	ARCHERY	RANGE
06287	LAB	G	210-255	MTUWTH	ARCHERY	RANGE
06288	LAB	H	310-355	MTUWTH	ARCHERY	RANGE
06289	LAB	I	410-455	MTUWTH	ARCHERY	RANGE

P E W 130 BADMINTON.

1 HOUR.

*SECTIONS B, C, S, AND T ARE CO-EDUCATIONAL.

06302	LAB	*B	910-955	M W	155	I M P E
06303	LAB	*C	1010-1055	M W	155	I M P E
06294	LAB	D	1110-1155	M W	155	I M P E
06295	LAB	E	1210-1255	M W	105	I M P E
06296	LAB	F	110-155	M W	105	I M P E
06297	LAB	N	810-855	TU TH	105	I M P E
06298	LAB	O	910-955	TU TH	105	I M P E
06299	LAB	P	1010-1055	TU TH	105	I M P E
06300	LAB	Q	1110-1155	TU TH	105	I M P E
06301	LAB	R	1210-1255	TU TH	105	I M P E
06304	LAB	*S	110-155	TU TH	190	I M P E
06305	LAB	*T	210-255	TU TH	190	I M P E

P E W 132 BOWLING.

1 HOUR.

ALLEY SERVICE CHARGE, $11.00.

ALL SECTIONS EXCEPT A, B, N AND O ARE COEDUCATIONAL.

06306	LAB	A	8-845	M W	60	IU ALLEYS
06307	LAB	B	9-945	M W	60	IU ALLEYS
06310	LAB	*C	10-1045	M W	60	IU ALLEYS
06311	LAB	*CC	10-1045	M W	60	IU ALLEYS
06312	LAB	*D	11-1145	M W	60	IU ALLEYS
06313	LAB	*DD	11-1145	M W	60	IU ALLEYS
06314	LAB	*E	12-1245	M W	60	IU ALLEYS
06315	LAB	*F	1-145	M W	60	IU ALLEYS
06316	LAB	*G	2-245	M W	60	IU ALLEYS
06317	LAB	*H	3-345	M W	60	IU ALLEYS
06308	LAB	N	8-845	TU TH	60	IU ALLEYS
06309	LAB	O	9-945	TU TH	60	IU ALLEYS
06318	LAB	*P	10-1045	TU TH	60	IU ALLEYS
06319	LAB	*PP	10-1045	TU TH	60	IU ALLEYS
06320	LAB	*Q	11-1145	TU TH	60	IU ALLEYS
06321	LAB	*QQ	11-1145	TU TH	60	IU ALLEYS
06322	LAB	*R	12-1245	TU TH	60	IU ALLEYS
06323	LAB	*S	1-145	TU TH	60	IU ALLEYS
06324	LAB	*U	3-345	TU TH	60	IU ALLEYS

P E W 134 GOLF, I.

1 HOUR.

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.
$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON
U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3
COURSE WILL BE AN ADDITIONAL $0.25.
ALL SECTIONS MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.
FIRST CLASS OF F, Q, AND S MEETS IN G48, IMPE ARCHERY RANGE.
FIRST CLASS OF FF, QQ, AND SS MEET IN G22, IMPE GOLF ROOM
FIRST CLASS OF H, HH, U, AND UU MEETS IN 310 FREER GYM.

06325	LAB	F	110-240	M W	PAR 3 RT 45	SOU
06326	LAB	FF	110-240	M W	PAR 3 RT 45	SOU
06327	LAB	H	310-440	M W	PAR 3 RT 45	SOU
06328	LAB	HH	310-440	M W	PAR 3 RT 45	SOU
06329	LAB	Q	1110-1240	TU TH	PAR 3 RT 45	SOU
06330	LAB	QQ	1110-1240	TU TH	PAR 3 RT 45	SOU
06331	LAB	S	110-240	TU TH	PAR 3 RT 45	SOU
06332	LAB	SS	110-240	TU TH	PAR 3 RT 45	SOU
06333	LAB	U	310-440	TU TH	PAR 3 RT 45	SOU
06334	LAB	UU	310-440	TU TH	PAR 3 RT 45	SOU

P E W 135 GOLF, II.

SAME AS P. E. M. 135.

PREREQUISITE: P. E. W. OR P. E. M. 134 AND CONSENT OF INSTRUCTOR.

1 HOUR.

IT IS NOT NECESSARY TO HAVE YOUR OWN CLUBS TO TAKE GOLF.
$18.00 FEE COVERS CLUB RENTAL, GREEN FEES AND ROUND TRIP
TRANSPORTATION FROM FREER GYMNASIUM TO PAR 3 ON
U. S. 45 SOUTH. CLUB RENTAL WHEN PLAYING ON THE PAR 3
COURSE WILL BE AN ADDITIONAL $0.25.
ALL SECTIONS MEET SECOND EIGHT WEEKS, BEGINNING APRIL 3.
FIRST CLASS MEETS IN G22, IMPE GOLF ROOM.

06335	LAB	MM	910-1040	M W	PAR 3 RT 45	SOU
06336	LAB	VV	1110-1240	M W	PAR 3 RT 45	SOU

P E W 136 TRACK AND FIELD.

1 HOUR.

ALL SECTIONS MEET THE SECOND EIGHT WEEKS, BEGINNING APRIL 3.

06337	LAB	D	110-155	MTUWTH	ARMORY FLOOR

P E W 137 TENNIS. I.

1 HOUR.

ALL SECTIONS MEET THE SECOND EIGHT WEEKS BEGINNING APRIL 3.

*SECTIONS A, B, AND II ARE CO-EDUCATIONAL.

FIRST CLASS FOR FREER COURTS LOCATION MEETS IN 207 FREER GYM.

FIRST CLASS FOR STADIUM COURTS LOCATION MEETS IN IMPE.

06349	LAB	*A	810-855	MTUWTH	W STADIUM CTS
06350	LAB	*B	910-955	MTUWTH	W STADIUM CTS
06338	LAB	C	1010-1055	MTUWTH	COURTS FREER
06339	LAB	CC	1010-1055	MTUWTH	W STADIUM CTS
06340	LAB	D	1110-1155	MTUWTH	COURTS FREER
06341	LAB	DD	1110-1155	MTUWTH	W STADIUM CTS
06342	LAB	E	1210-1255	MTUWTH	COURTS FREER
06343	LAB	F	110-155	MTUWTH	COURTS FREER
06344	LAB	G	210-255	MTUWTH	COURTS FREER
06345	LAB	H	310-355	MTUWTH	COURTS FREER
06346	LAB	HH	310-355	MTUWTH	W STADIUM CTS
06351	LAB	*II	410-455	MTUWTH	W STADIUM CTS
06347	LAB	J	510-555	MTUWTH	W STADIUM CTS
06348	LAB	V	410-540	TU TH	COURTS FREER

P E W 138 ADVANCED TENNIS.

PREREQUISITE: P. E. W. 137 OR CONSENT OF INSTRUCTOR.

1 HOUR.

ALL SECTIONS MEET THE SECOND EIGHT WEEKS, BEGINNING APRIL 3, 1972.

FIRST CLASS MEETS IN IMPE.

06352	LAB	F	110-155	MTUWTH	W STADIUM CTS
06353	LAB	G	210-255	MTUWTH	W STADIUM CTS

P E W 139 TECHNIQUES IN ANGLING.

SAME AS P. E. M. 139.

1 HOUR.

THESE CLASSES MEET THE SECOND EIGHT WEEKS BEGINNING APRIL 3.

06354	LAB	EE	110-240	M W	155	I M P E
06355	LAB	OO	110-240	TU TH	155	I M P E

P E W 140 MODERN DANCE. I.

1 HOUR.

*SECTIONS Q AND S MEET THE FIRST EIGHT WEEKS.

*SECTIONS R, OO, AND SS MEET THE SECOND EIGHT WEEKS, BEGINNING APRIL 3.

*SECTION SS IS FOR INTERMEDIATE LEVEL ABILITY.

06356	LAB	*R	910-1040	M W	310	FREER GYM
06358	LAB	*Q	1110-1240	TU TH	26	E B
06357	LAB	*OO	1110-1240	TU TH	26	E B
06360	LAB	*S	110-240	TU TH	26	E B
06358	LAB	*SS	110-240	TU TH	26	E B

P E W 142 BALLROOM DANCE. I.

1 HOUR.

ALL SECTIONS ARE CO-EDUCATIONAL.

06361	LAB	H	3-345	M W	D/R	WEST FLAGG
06362	LAB	I	4-445	M W	D/R	WEST FLAGG
06363	LAB	J	5-545	M W	D/R	WEST FLAGG
06364	LAB	U	3-345	TU TH	6	OLGESBY
06365	LAB	V	4-445	TU TH	6	OLGESBY
06366	LAB	W	5-545	TU TH	6	OLGESBY
06367	LAB	X	630-715PM	TU TH	D/R	WEST FLAGG
06368	LAB	Y	730-815PM	TU TH	D/R	WEST FLAGG
06369	LAB	Z	830-915PM	TU TH	D/R	WEST FLAGG

P E W 143 BALLROOM DANCE. II.

SAME AS P. E. M. 143.

PREREQUISITE: P. E. W. OF P. E. M. 142 OR CONSENT OF INSTRUCTOR.

1 HOUR.

06370	LAB	L	630-715PM	M W	6	OGLESBY
06371	LAB	M	730-815PM	M W	6	OGLESBY
06372	LAB	S	1-145	TU TH	130	I M P E

P E W 144 AMERICAN SQUARE DANCE.

1 HOUR.

BOTH SECTIONS ARE CO-EDUCATIONAL.

06373	LAB	G	2-245	M W	130	I M P E
06374	LAB	P	12-1245	TU TH	130	I M P E

P E W 145 INTERNATIONAL FOLK DANCE.
SAME AS P. E. M. 145.
1 HOUR.

06375	LAB	E	1-145	M W	130	I M P E
06376	LAB	P	10-1045	TU TH	130	I M P E
06377	LAB	Q	11-1145	TU TH	130	I M P E

P E W 146 FIGURE SKATING. I.
SAME AS P. E. M. 146.
1 HOUR.
MEETS THE FIRST EIGHT WEEKS.

06378	LAB	A	810-855	MTUWTHF	120S	ICE RINK
06379	LAB	B	910-955	MTUWTHF	120S	ICE RINK
06380	LAB	C	1010-1055	MTUWTHF	120S	ICE RINK
06381	LAB	E	110-155	MTUWTHF	120S	ICE RINK
06382	LAB	FF	110-155	MTUWTHF	120N	ICE RINK
06383	LAB	G	210-255	MTUWTHF	120S	ICE RINK
06384	LAB	GG	210-255	MTUWTHF	120N	ICE RINK

P E W 147 FIGURE SKATING. II.
SAME AS P. E. M. 147.
PREREQUISITE: P. E. W. OR P. E. M. 146 OR CONSENT OF INSTRUCTOR.
1 HOUR.
MEETS THE FIRST EIGHT WEEKS.

06385	LAB	A	810-855	MTUWTHF	120N	ICE RINK
06386	LAB	B	910-955	MTUWTHF	120N	ICE RINK
06387	LAB	C	1010-1055	MTUWTHF	120N	ICE RINK
06388	LAB	E	1110-1155	MTUWTHF	120S	ICE RINK
06389	LAB	F	1210-1255	MTUWTHF	120S	ICE RINK

P E W 148 FIGURE SKATING. III.
SAME AS P. E. M. 148.
PREREQUISITE: P. E. W. OR P. E. M. 147 OR CONSENT OF INSTRUCTOR.
1 HOUR.
MEETS THE FIRST EIGHT WEEKS.

06390	LAB	D	1110-1155	MTUWTHF	120N	ICE RINK
06391	LAB	F	1210-1255	MTUWTHF	120N	ICE RINK

P E W 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
#0 TO 2 HOURS.
SECTION 0 IS INTERMEDIATE LEVEL OF CONDITIONING AND FIGURE CONTROL.
PEW 103 OR CONSENT OF INSTRUCTOR REQUIRED. 1 HOUR.

06392	LAB	D	1110-1155	M W	215	FREER GYM

PROFESSIONAL COURSES FOR MAJORS IN PHYSICAL EDUCATION FOR WOMEN

DEPARTMENT OFFICE 117 FREER GYM

P E W 150 PROFESSIONAL ORIENTATION.
2 HOURS.

06393	LECT-DISC	H	3	M W	207B	FREER GYM

P E W 151 BASIC MOVEMENT AND BODY MECHANICS.
1 HOUR.

06394	LAB	E	12	M W F	310	FREER GYM

P E W 152 HOCKEY AND VOLLEYBALL.
1 HOUR.

06395	LAB	H	2	MTUWTH	310	FREER GYM

P E W 153 BASKETBALL AND TRACK AND FIELD.
1 HOUR.

06396	LAB	A	8-845	MTUWTH	310	FREER GYM
06397	LAB	E	1-155	MTUWTH	310	FREER GYM
06398	LAB	G	2-255	MTUWTH	310	FREER GYM

P E W 155 GYMNASTICS AND APPARATUS II AND TENNIS.
PREREQUISITE: P. E. W. 154 OR CONSENT OF INSTRUCTOR.
1 HOUR.

06399	LAB	A1	8-10	M W	311	FREER GYM
06400	LAB	A2	8-10	M W	311	FREER GYM
06401	LAB	L1	8-10	TU TH	311	FREER GYM
06402	LAB	L2	8-10	TU TH	311	FREER GYM

P E W 156 STUNTS, TUMBLING, AND TRAMPOLINE.
PREREQUISITE: CREDIT OR REGISTRATION IN P. E. W. 151.
1 HOUR.

06403	LAB	C	10-12	W F	311	FREER GYM

P E W 157 MODERN DANCE.
1 HOUR.

06404	LAB	D	11	M W F	26	E B
06405	LAB	E	12	M W F	26	E B
06406	LAB	J	5	MTU TH	311	FREER GYM

P E W 164 SPECIAL SPORTS (GOLF AND FENCING).
SAME AS P. E. M. 164.
1 HOUR.
GOLF WILL BEGIN ON TUESDAY, APRIL 4.

06407	LAB-DISC	BB	1-3	TU TH	190	I M P E

P E W 165 TEACHING OF SWIMMING.
PREREQUISITE: SOPHOMORE STANDING, P. E. W. 112 AND 151.
2 HOURS.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

06408	LAB	C	*10	M W	191	FREERPOOL
	LECT	C	*11	M W	207B	FREER GYM

P E W 166 ELEMENTARY SCHOOL GAMES.
PREREQUISITE: SOPHOMORE STANDING; CREDIT OR REGISTRATION IN PSYCH. 216 OR 217 OR EDPSY. 236.
3 HOURS.
*ONE ADDITIONAL HOUR CONFERENCE PER WEEK TO BE ARRANGED.
MEETS WITH P.E.M. 166.

06409	LECT-DISC	M	*9-11	TU TH	11	FREER GYM
06410	LECT-DISC	C	*10-12	W F	11	FREER GYM
06411	LECT-DISC	F	*1-3	TU TH	209	H G

P E W 167 TEACHING OF GYMNASTICS AND DANCE.
PREREQUISITE: JUNIOR STANDING, P. E. W. 154, 155, 157, AND 166.
2 HOURS.

06412	LECT-DISC	F	12	M W F	311	FREER GYM

P E W 190 BASKETBALL OFFICIATING.
1 HOUR.

06413	LAB	J	5	M W	310	FREER GYM

P E W 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 5 HOURS.

06414	LECT-DISC	V	4	TU TH	215	FREER GYM

P E W 204 ORGANIZATION OF PHYSICAL EDUCATION.
PREREQUISITE: CONCURRENT REGISTRATION IN ED. PR. 238, 242, AND 250.
3 HOURS.
WILL NOT MEET DURING THE TEN-WEEK STUDENT TEACHING PERIOD.

06415	LECT-DISC		9	MTUWTHF	APP	

P E W 205 TESTS AND MEASUREMENTS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.
PREREQUISITE: JUNIOR STANDING. CONCURRENT REGISTRATION IN P. E. W. 213 AND 215.
3 HOURS.

06416	LECT-DISC	A	8	M W	130	FREER GYM
		A	9	M	130	FREER GYM

P E W 206 KINESIOLOGY.
SAME AS P. E. M. 206.
PREREQUISITE: PHYSL. 103 AND 234.
3 HOURS.
*SECTION X IS FOR REHABILITATION STUDENTS.

06417	LECT-DISC	C	8-10	M W	329	ARMORY
06418	LECT-DISC	F	1-3	M W	130	FREER GYM
06419	LECT-DISC	D	10-12	TU TH	130	FREER GYM
06420	LECT-DISC	*X	1	M W F	REHAB CENTER	

P E W 208 THEORY OF PRESCRIBING EXERCISE.
PREREQUISITE: P. E. W. 206.
2 HOURS.
TWO LAB HOURS TO BE ARRANGED FOR IN EXERCISE CLINIC, 3-5 M-W-F.

06421	LECT-DISC	M	*9	TU TH	130	FREER GYM

P E W 209 HISTORY OF SPORT.
SAME AS P. E. M. 209.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS.
*SECTION D1 IS RECOMMENDED FOR NON-MAJORS.

06422	LECT-DISC	D	11	M W F	316S M H	
06425	LECT-DISC	*D1	11	M W F	209	HUFF GYM
06423	LECT-DISC	R	1	TU TH	130	FREER GYM
		R	2	TH	130	FREER GYM
06424	LECT-DISC	R1	1	TU TH	316N M H	
		R1	2	TH	316S M H	

P E W 210 OBSERVATION TRIPS.
PREREQUISITE: JUNIOR STANDING.
TRIPS--ESTIMATED EXPENSE $30.
0 CREDIT.

06426	LAB	J	5	M	130	FREER GYM

P E W 213 TEACHING OF TEAM SPORTS.
PREREQUISITE: JUNIOR STANDING: P. E. W. 151, 152, 153, 154, 166 AND P. E. W. 165 OR 214, OR CONSENT OF INSTRUCTOR. CONCURRENT REGISTRATION IN P. E. W. 205 AND 215.
4 HOURS.

06427	LECT-DISC	C	10	M W F	130	FREER GYM
		C	11	M W	310	FREER GYM

P E W 214 TEACHING OF INDIVIDUAL SPORTS.
PREREQUISITE: JUNIOR STANDING: P. E. W. 151, 153, 155, 166 OR CONSENT OF INSTRUCTOR.
2 HOURS.

06428	LECT-DISC	C	10	W	207B	FREER GYM
		C	10-12	F	310	FREER GYM

P E W 215 SUPERVISED EXPERIENCE AND TEACHING, II.
PREREQUISITE: JUNIOR STANDING: P. E. W. 216: CONCURRENT REGISTRATION IN P. E. W. 205 AND 213.
0 CREDIT.

06429	LAB	D	11	F	130	FREER GYM

P E W 216 SUPERVISED EXPERIENCE AND TEACHING, I.
PREREQUISITE: JUNIOR STANDING: P. E. W. 166: COMPLETION OF ONE ELECTED INDIVIDUAL SPORT.
0 CREDIT.
*SECTION A2 IS RESERVED FOR THOSE STUDENTS SPECIALIZING IN SWIMMING.

06430	LAB	A1	9	F	130	FREER GYM
06431	LAB	*A2	9	F	207B	FREER GYM

P E W 220 PHYSICAL EDUCATION FOR THE CLASSROOM TEACHER.
PREREQUISITE: JUNIOR STANDING, NON-PHYSICAL EDUCATION MAJOR.
2 HOURS.
MEETS WITH P.E.M. 220.
SECTIONS F1 AND F2 TO BE TAKEN CONCURRENTLY WITH ELEMENTARY EDUCATION 237.
*SECTION F1 IS DESIGNED FOR THOSE WHO WILL TEACH GRADES K-3.
*SECTION F2 IS DESIGNED FOR THOSE WHO WILL TEACH GRADES 4-6.
*SECTION G1 IS DESIGNED FOR THOSE WHO WILL TEACH GRADES K-3.
*SECTION G2 IS DESIGNED FOR THOSE WHO WILL TEACH GRADES 4-6.

06432	LECT-DISC	*F1	1	M	W	F	26	E B
06433	LECT-DISC	*F2	1	M	W	F	11	E B
06434	LECT-DISC	*G1	2	M	W	F	26	E B
06435	LECT-DISC	*G2	2	M	W	F	11	E B

P E W 222 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
PREREQUISITE: P. E. W. 154 AND 166; DANCE 235; 48 OR MORE HOURS OF APPROVED LABORATORY WORK WITH CHILDREN OR CONSENT OF INSTRUCTOR.
2 HOURS.

06436	LECT-DISC	F	1	M	W	F	207B	FREER GYM
06437	LECT-DISC	G	3	M	W	F	130	FREER GYM

P E W 235 SQUARE AND BALLROOM DANCE.
SAME AS P. E. M. 235.
2 HOURS.

06438	LAB	X	7-9PM	M	W		26	E B

P E W 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; GRADE-POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS CREDIT.
*2 OR 3 HOURS.

06439	CONF		ARR				128	FREER GYM

P E W 260 HONORS SEMINAR.
SAME AS H. ED., P. E. M., AND REC. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

06440	LECT-DISC	*&X1	7-9PM		W		350A	FREER GYM
06441	LECT-DISC	*&X2	7-9PM		W		207B	FREER GYM

DEPARTMENT OFFICE 211 P B

ENGINEERING PHYSICS CURRICULUM--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S.CURRICULUM IN PHYSICS--SEE UNDERGRADUATE STUDY CATALOG.

L.A.S. SCIENCES AND LETTERS CURRICULUM MAJOR: TWENTY HOURS IN PHYSICS, INCLUDING PHYSICS 321, 341, AND 342, AND EXCLUDING COURSES WITH NUMBERS LOWER THAN 270.

L.A.S. SCIENCES AND LETTERS CURRICULUM MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH NOT LESS THAN EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ASTRONOMY, CHEMISTRY, EDUCATION, GEOLOGY, MATHEMATICS, ZOOLOGY OR ANY ONE BRANCH OF ENGINEERING.

PHYSICS 101 AND 102 ARE RECOMMENDED TO PREMEDICAL, PREDENTAL, ARCHITECTURE, AND OTHER STUDENTS NOT SPECIALIZING IN PHYSICS, MATHEMATICS, CHEMISTRY OR ENGINEERING.

THE CALCULUS PREREQUISITE FOR CERTAIN COURSES MAY BE SATISFIED EITHER BY MATH. 130 AND 140, OR MATH. 131 AND 141.

PHYCS 101 GENERAL PHYSICS (MECHANICS, HEAT, AND SOUND).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: TRIGONOMETRY.
5 HOURS.

06442	LECT		2	TU TH	151	P B	SATTERTHWAITE
06443	LAB	A	9-12	M	32	P B	
	QUIZ	A	10-12	W	214	CER	
06444	LAB	B	12-3	M	32	P B	
	QUIZ	B	1-3	W	32	P B	
06445	LAB	C	3-6	M	32	P B	
	QUIZ	C	3-5	W	147	P B	
06446	LAB	D	9-12	TU	32	P B	
	QUIZ	D	10-12	TH	147	P B	
06447	LAB	E	3-6	TU	32	P B	
	QUIZ	E	3-5	TH	147	P B	
06448	LAB	F	9-12	W	32	P B	
	QUIZ	F	10-12	F	214	CER	
06449	LAB	G	3-6	W	32	P B	
	QUIZ	G	3-5	F	32	P B	
06450	LAB	H	9-12	TH	32	P B	
	QUIZ	H	10-12	TU	147	P B	
06451	LAB	I	3-6	TH	32	P B	
	QUIZ	I	3-5	TU	259	P B	
06452	LAB	J	9-12	F	32	P B	
	QUIZ	J	10-12	M	214	CER	

PHYCS 102 GENERAL PHYSICS (LIGHT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ARTS & SCIENCES AND ARCHITECTURE.
PREREQUISITE: PHYCS. 101.
5 HOURS.

06453	LECT	A	10	TU TH	141	P B	SUTTON
06454	LECT	B	1	TU TH	141	P B	SUTTON
06455	LAB	A1	8-11	M	132	P B	
	QUIZ	A1	8-10	W	320	CER	
06456	LAB	A2	8-11	M	164	P B	
	QUIZ	A2	9-10	W	319	CER	
06457	LAB	B1	12-3	M	132	P B	
	QUIZ	B1	1-3	W	137	P B	
06458	LAB	B2	12-3	M	164	P B	
	QUIZ	B2	1-3	W	147	P B	
06459	LAB	C1	3-6	M	132	P B	
	QUIZ	C1	3-5	W	214	CER	
06460	LAB	C2	3-6	M	164	P B	
	QUIZ	C2	3-5	W	319	CER	
06461	LAB	D1	9-12	TU	164	P B	
	QUIZ	D1	10-12	TH	164	P B	
06462	LAB	E1	12-3	TU	132	P B	
	QUIZ	E1	1-3	TH	147	P B	

PHYCS 102 CONTINUED

06463	LAB	F2	12-3	TU		164	P B	
	QUIZ	F2	1-3		TH	320	CER	
06464	LAB	F1	3-6	TU		132	P B	
	QUIZ	F1	3-5		TH	132	P B	
06465	LAB	F2	3-6	TU		164	P B	
	QUIZ	F2	3-5		TH	164	P B	
06466	LAB	G1	8-11		W	132	P B	
	QUIZ	G1	8-10	M		420	P B	
06467	LAB	G2	9-12		W	164	P B	
	QUIZ	G2	10-12	M		420	P B	
06468	LAB	H1	12-3		W	132	P B	
	QUIZ	H1	1-3	M		420	P B	
06469	LAB	H2	12-3		W	164	P B	
	QUIZ	H2	1-3	M		319	CER	
06470	LAB	I1	3-6		W	132	P B	
	QUIZ	I1	3-5	M		420	P B	
06471	LAB	I2	3-6		W	164	P B	
	QUIZ	I2	3-5	M		214	CER	
06472	LAB	K1	12-3		TH	132	P B	
	QUIZ	K1	1-3	TU		147	P B	
06473	LAB	K2	12-3		TH	164	P B	
	QUIZ	K2	1-3	TU		214	CER	
06474	LAB	L1	9-12		F	132	P B	
	QUIZ	L1	10-12		W	320	CER	

PHYCS 106 GENERAL PHYSICS (MECHANICS).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE:MATH. 120; CREDIT OR REGISTRATION IN MATH. 130 OR 131.
4 HOURS.
*FOR JAMES SCHOLARS AND OTHER HONOR STUDENTS.
ALL STUDENTS IN THIS COURSE EXCEPT THOSE IN SECTION PC2 MUST
REGISTER IN ONE LECTURE SECTION AND IN ONE LAB-QUIZ COMBINATION.

06475	LECT	A	8	M	W	141	P B		AXEL/ABASHIAN
06476	LECT	B	10	M	W	141	P B		AXEL/ABASHIAN
06477	LECT	C	11	M	W	141	P B		AXEL/ABASHIAN
06478	LAB	A2	8-10		W	232	P B		
	QUIZ	A2	8-10		F	139	P B		
06479	LAB	A3	8-10		F	232	P B		
	QUIZ	A3	8-10	M		139	P B		
06517	LAB	*&B2	8-10		W	264	P B		
	QUIZ	*&B2	8-10		F	143	P B		
06480	LAB	B3	8-10		F	264	P B		
	QUIZ	B3	8-10	M		143	P B		
06481	LAB	PC2	10-12		W	232	P B		SHERWOOD
	LECT-DISC	PC2	9-11	M		257	E R L		PLATE
		PC2	11	M	F	266	E R L		
06482	LAB	C2	10-12		F	232	P B		
	QUIZ	C2	10-12	M		143	P B		
06483	LAB	D2	10-12		W	264	P B		
	QUIZ	D2	10-12		F	320	CER		
06484	LAB	D3	10-12		F	264	P B		
	QUIZ	D3	10-12	M		320	CER		
06485	LAB	F1	1-3	M		232	P B		
	QUIZ	F1	1-3		W	143	P B		
06486	LAB	F2	1-3		W	232	P B		
	QUIZ	F2	1-3		F	143	P B		
06487	LAB	F3	1-3		F	232	P B		
	QUIZ	F3	1-3	M		143	P B		
06518	LAB	*&F1	1-3	M		264	P B		
	QUIZ	*&F1	1-3		W	320	CER		
06488	LAB	F2	1-3		W	264	P B		
	QUIZ	F2	1-3		F	320	CER		
06489	LAB	F3	1-3		F	264	P B		
	QUIZ	F3	1-3	M		137	P B		
06490	LAB	G1	3-5	M		232	P B		
	QUIZ	G1	3-5		W	137	P B		
06491	LAB	G2	3-5		W	232	P B		
	QUIZ	G2	3-5		F	143	P B		
06492	LAB	G3	3-5		F	232	P B		
	QUIZ	G3	3-5	M		262	P B		
06493	LAB	H1	3-5	M		264	P B		
	QUIZ	H1	3-5		W	320	CER		
06494	LAB	H2	3-5		W	264	P B		
	QUIZ	H2	3-5		F	258	P B		
06495	LAB	H3	3-5		F	264	P B		
	QUIZ	H3	3-5	M		234	P B		
06496	LAB	I1	8-10	TU		232	P B		
	QUIZ	I1	8-10		TH	137	P B		

PHYCS 106 CONTINUED

06497	LAB	I2	8-10		TH		232	P B	
	QUIZ	I2	8-10			S	137	P B	
06498	LAB	I3	8-10			S	232	P B	
	QUIZ	I3	8-10	TU			137	P B	
06499	LAB	J1	8-10	TU			264	P B	
	QUIZ	J1	8-10		TH		139	P B	
06500	LAB	J2	8-10		TH		264	P B	
	QUIZ	J2	8-10			S	143	P B	
06501	LAB	J3	8-10			S	264	P B	
	QUIZ	J3	8-10	TU			139	P B	
06519	LAB	*&K1	10-12	TU			232	P B	
	QUIZ	*&K1	10-12		TH		139	P B	
06502	LAB	K2	10-12		TH		232	P B	
	QUIZ	K2	10-12			S	137	P B	
06503	LAB	K3	10-12			S	232	P B	
	QUIZ	K3	10-12	TU			139	P B	
06504	LAB	L1	10-12	TU			264	P B	
	QUIZ	L1	10-12		TH		137	P B	
06505	LAB	L2	10-12		TH		264	P B	
	QUIZ	L2	10-12			S	139	P B	
06506	LAB	L3	10-12			S	264	P B	
	QUIZ	L3	10-12	TU			137	P B	
06520	LAB	*&M1	1-3	TU			232	P B	
	QUIZ	*&M1	1-3		TH		139	P B	
06507	LAB	M2	1-3		TH		232	P B	
	QUIZ	M2	1-3	TU			420	P B	
06521	LAB	*&N1	1-3	TU			264	P B	
	QUIZ	*&N1	1-3		TH		420	P B	
06508	LAB	N2	1-3		TH		264	P B	
	QUIZ	N2	1-3	TU			320	CEP	
06509	LAB	O1	3-5	TU			232	P B	
	QUIZ	O1	3-5		TH		139	P B	
06510	LAB	O2	3-5		TH		232	P B	
	QUIZ	O2	3-5	TU			139	P B	
06511	LAB	P1	3-5	TU			264	P B	
	QUIZ	P1	3-5		TH		143	P B	
06512	LAB	P2	3-5		TH		264	P B	
	QUIZ	P2	3-5	TU			143	P B	
06513	LAB	Q1	7-9PM		W		232	P B	
	QUIZ	Q1	1-3	M			320	CEP	
06514	LAB	Q2	7-9PM		W		264	P B	
	QUIZ	Q2	3-5	M			147	P B	
06515	LAB	R1	7-9PM		TH		232	P B	
	QUIZ	R1	3-5	TU			262	P B	
06516	LAB	R2	7-9PM		TH		264	P B	
	QUIZ	R2	3-5	TU			147	P B	

PHYCS 107 GENERAL PHYSICS (HEAT, ELECTRICITY, AND MAGNETISM).
FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYCS. 106; CREDIT OR REGISTRATION IN MATH. 140
OR 141.
4 HOURS.
*FOR JAMES SCHOLARS AND OTHER HONOR STUDENTS.

06522	LECT	A	9	M	W		151	P B		EISENSTEIN
06523	LECT	A	11	M	W		151	P B		EISENSTEIN
06524	LAB	A3	8-10			F	262	P B		
	QUIZ	A3	8-10	M			262	P B		
06538	LAB	*&C3	10-12			F	262	P B		
	QUIZ	*&C3	10-12	M			262	P B		
06525	LAB	D3	10-12			F	234	P B		
	QUIZ	D3	10-12	M			234	P B		
06526	LAB	E1	1-3		W		262	P B		
	QUIZ	E1	1-3	M			262	P B		
06527	LAB	E2	1-3		W		234	P B		
	QUIZ	E2	1-3			F	234	P B		
06528	LAB	G1	3-5		W		262	P B		
	QUIZ	G1	3-5			F	262	P B		
06529	LAB	G2	3-5		W		234	P B		
	QUIZ	G2	3-5			F	234	P B		
06539	LAB	*&I1	8-10	TU			234	P B		
	QUIZ	*&I1	8-10		TH		143	P B		
06530	LAB	I2	8-10		TH		234	P B		
	QUIZ	I2	8-10	TU			143	P B		
06531	LAB	J1	8-10	TU			262	P B		
	QUIZ	J1	8-10		TH		320	CEP		
06532	LAB	J2	8-10		TH		262	P B		
	QUIZ	J2	8-10	TU			320	CEP		

PHYCS 107 CONTINUED

06533	LAB	K1	10-12	TU		234	P	B	
	QUIZ	K1	10-12		TH	234	P	B	
06534	LAB	K2	10-12		TH	262	P	B	
	QUIZ	K2	10-12	TU		262	P	B	
06535	LAB	L1	1-3	TU		234	P	B	
	QUIZ	L1	1-3		TH	234	P	B	
06536	LAB	L2	1-3	TU		262	P	B	
	QUIZ	L2	1-3		TH	262	P	B	
06537	LAB	M1	3-5	TU		234	P	B	
	QUIZ	M1	3-5		TH	234	P	B	

PHYCS 108 GENERAL PHYSICS (WAVE MOTION, SOUND, LIGHT AND MODERN PHYSICS).

FOR STUDENTS IN ENGINEERING, MATHEMATICS, PHYSICS, AND CHEMISTRY.
PREREQUISITE: PHYCS. 107; CREDIT OR REGISTRATION IN MATH. 140 OR 141.
4 HOURS.
*FOR JAMES SCHOLARS AND OTHER HONOR STUDENTS.

06540	LECT	A	2	M	W	141	P	B		SALAMON
06541	LECT	B	4	M	W	141	P	B		SALAMON
06542	LAB	A1	8-10	M		236	P	B		
	QUIZ	A1	8-10		W	143	P	B		
06543	LAB	A2	8-10		W	236	P	B		
	QUIZ	A2	8-10		F	320	CER			
06544	LAB	A3	8-10		F	236	P	B		
	QUIZ	A3	8-10	M		234	P	B		
06545	LAB	B1	8-10	M		258	P	B		
	QUIZ	B1	8-10		W	139	P	B		
06546	LAB	B2	8-10		W	258	P	B		
	QUIZ	B2	8-10		F	164	P	B		
06547	LAB	B3	8-10		F	258	P	B		
	QUIZ	B3	8-10	M		320	CER			
06548	LAB	C1	10-12	M		236	P	B		
	QUIZ	C1	10-12		W	143	P	B		
06569	LAB	*&C2	10-12		W	236	P	B		
	QUIZ	*&C2	10-12		F	147	P	B		
06549	LAB	C3	10-12		F	236	P	B		
	QUIZ	C3	10-12	M		147	P	B		
06550	LAB	D1	10-12	M		258	P	B		
	QUIZ	D1	10-12		W	147	P	B		
06551	LAB	D2	10-12		W	258	P	B		
	QUIZ	D2	10-12		F	164	P	B		
06570	LAB	*&D3	10-12		F	258	P	B		
	QUIZ	*&D3	10-12	M		319	CER			
06552	LAB	E2	1-3		W	236	P	B		
	QUIZ	E2	1-3		F	262	P	B		
06553	LAB	E3	1-3		F	236	P	B		
	QUIZ	E3	1-3	M		234	P	B		
06554	LAB	F2	1-3		W	258	P	B		
	QUIZ	F2	1-3		F	136	P	B		
06555	LAB	F3	1-3		F	258	P	B		
	QUIZ	F3	1-3	M		147	P	B		
06556	LAB	G2	3-5		W	236	P	B		
	QUIZ	G2	3-5		F	139	P	B		
06557	LAB	G3	3-5		F	236	P	B		
	QUIZ	G3	3-5	M		320	CER			
06558	LAB	H2	3-5		W	258	P	B		
	QUIZ	H2	3-5		F	147	P	B		
06559	LAB	I1	8-10	TU		236	P	B		
	QUIZ	I1	8-10		TH	132	P	B		
06560	LAB	I2	8-10		TH	236	P	B		
	QUIZ	I2	8-10		S	236	P	B		
06561	LAB	J1	8-10	TU		258	P	B		
	QUIZ	J1	8-10		TH	147	P	B		
06562	LAB	J2	8-10		TH	258	P	B		
	QUIZ	J2	8-10		S	258	P	B		
06563	LAB	J3	8-10		S	202	P	B		
	QUIZ	J3	8-10	TU		147	P	B		
06571	LAB	*&K1	10-12	TU		236	P	B		
	QUIZ	*&K1	10-12		TH	143	P	B		
06564	LAB	K2	10-12		TH	236	P	B		
	QUIZ	K2	10-12		S	236	P	B		
06565	LAB	L1	10-12	TU		258	P	B		
	QUIZ	L1	10-12		TH	132	P	B		
06566	LAB	L2	10-12		TH	258	P	B		
	QUIZ	L2	10-12		S	258	P	B		
06572	LAB	*&M1	1-3	TU		236	P	B		
	QUIZ	*&M1	1-3		TH	236	P	B		
06567	LAB	M2	1-3		TH	32	P	B		
	QUIZ	M2	1-3	TU		32	P	B		
06568	LAB	N1	1-3	TU		258	P	B		
	QUIZ	N1	1-3		TH	258	P	B		

PHYCS 150 PHYSICS AND THE MODERN WORLD-A COURSE FOR NONSCIENTISTS.
3 HOURS.
*DISCUSSION SECTION TO BE ARRANGED.

06573	LECT		*3-430	M W	151	P B		LAZARUS

PHYCS 151 SPECIAL PROBLEMS.
PREREQUISITE: CONCURRENT OR PRIOR REGISTRATION IN PHYCS. 150.
1 HOUR.

06574	DISC		ARR					LAZARUS

PHYCS 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC SECTIONS A AND B: INDIVIDUAL STUDY.

06575	CONF	A	ARR					
06576	CONF	B	ARR					

PHYCS 303 MODERN EXPERIMENTAL PHYSICS, I.
PREREQUISITE: PHYCS. 342: REGISTRATION IN PHYCS. 381 OR 386.
5 HOURS OR 1 UNIT.
*FOR HONORS STUDENTS. HONOR STUDENTS SHOULD NOT REGISTER FOR THE LECTURE.

06577	LECT		3-5	M	137	P B		MOCHEL
06578	LAB	A	1-5	W F	336	P B		
06579	LAB	B	1-5	TU TH	336	P B		
06580	LAB	*&C	ARR					

PHYCS 304 MODERN EXPERIMENTAL PHYSICS, II.
PREREQUISITE: PHYCS. 303.
5 HOURS OR 1 UNIT.
*FOR HONORS STUDENTS.

06581	LAB	A	1-5	W F	336	P B		MOCHEL
06582	LAB	B	1-5	TU TH	336	P B		
06583	LAB	*&C	ARR					

PHYCS 321 THEORETICAL MECHANICS.
PREREQUISITE: GENERAL PHYSICS, CONCURRENT REGISTRATION IN MATH. 341, 345, OR 349.
*NO GRADUATE CREDIT IS GIVEN TO GRADUATE MAJORS IN PHYSICS.
*4 HOURS OR 1 UNIT.

06584	LECT	A	10	M W F	136	P B		
06585	LECT	B	11	M W F	139	P B		STAPLETON

PHYCS 322 THEORETICAL MECHANICS.
PREREQUISITE: PHYCS. 321.
4 HOURS OR 1 UNIT.
*GRADUATE STUDENTS SHOULD REGISTER IN LECT. B.

06586	LECT	A	11	M W F	136	P B		SARD
06587	LECT	*B	1-220	M W	158	P B		MORTARA

PHYCS 341 ELECTRICITY AND MAGNETISM.
PREREQUISITE: GENERAL PHYSICS, REGISTRATION IN MATH. 341, 343, OR 345, OR CONSENT OF INSTRUCTOR.
*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
*4 HOURS, OR 1/2 OR 1 UNIT.

06588	LECT	A	9	M W F	158	P B		ROBINSON
06589	LECT	B	10	M W F	158	P B		FLYNN
06590	LAB	A	2-5	M	332	P B		
06591	LAB	B	8-11	TU	332	P B		
06592	LAB	C	1-4	TU	332	P B		
06593	LAB	D	2-5	W	332	P B		
06594	LAB	E	8-11	TH	332	P B		
06595	LAB	F	1-4	TH	332	P B		
06596	LAB	G	2-5	F	332	P B		

PHYCS 342 ELECTRICITY AND MAGNETISM.
PREREQUISITE: PHYCS. 341.
*NO GRADUATE CREDIT FOR GRADUATE MAJORS IN PHYSICS.
*4 HOURS, OR 1/2 OR 1 UNIT.

06597	LECT	A	9	M W F	136	P B		LAVATELLI
06598	LECT	B	11	M W F	137	P B		HOLLOWAY
06599	LAB	A	8-11	TU	364	P B		
06600	LAB	B	1-4	TU	364	P B		
06601	LAB	C	2-5	W	364	P B		
06602	LAB	D	8-11	TH	364	P B		
06603	LAB	E	1-4	TH	364	P B		
06604	LAB	G	2-5	F	364	P B		

PHYCS 343 ELECTRONIC CIRCUITS.
PREREQUISITE: PHYCS. 341, OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

06605	LECT		1	M W	151	P B		DEBRUNNER
06606	LAB	A	2-5	M W	434	P B		
06607	LAB	B	8-11	TU TH	434	P B		
06608	LAB	C	1-4	TU TH	434	P B		
06609	LAB	D	2-5	F	434	P B		
		D	8-12	S	434	P B		

PHYCS 360 THERMODYNAMICS.
PREREQUISITE: GENERAL PHYSICS AND CALCULUS.
4 HOURS OR 1 UNIT.

06610	LECT		8	M W F	144	P B		MAURER

PHYCS 362 KINETIC THEORY AND STATISTICS.
PREREQUISITE: PHYCS. 360 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.

06611	LECT		1-220	TU TH	143	P B		F. C. BROWN

PHYCS 366 AERONOMY--PHYSICS OF THE UPPER ATMOSPHERE AND SPACE.
SAME AS E. E., AND ASTR. 366.
PREREQUISITE: PHYCS. 342, 321 AND 381; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

06612	LECT		230-4	TU TH	127	P B		

PHYCS 371 LIGHT.
PREREQUISITE: GENERAL PHYSICS, MATH. 345, OR CONSENT OF INSTRUCTOR.
4 HOURS, OR 1/2 TO 1 UNIT.

06613	LECT		10-1120	TU TH	136	P B		KOESTER
06614	LAB	A	2-5	M	432	P B		
06615	LAB	B	1-4	TU	432	P B		
06616	LAB	C	1-4	TH	432	P B		

PHYCS 381 ATOMIC PHYSICS.
SAME AS CHEM. 396.
PREREQUISITE: GENERAL PHYSICS AND MATH. 343 OR 345.
*CREDIT NOT ALLOWED FOR PHYCS. 381 OR CHEM. 396 IN ADDITION TO PHYCS. 386.
*4 HOURS OR 1 UNIT.

06617	LECT		11	M W F	158	P B		ALLEN

PHYCS 382 SUBATOMIC PHYSICS.
PREREQUISITE: PHYCS. 383 OR 385 OR 386 OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

06618	LECT		1-230	TU TH	158	P B		FRAUENFELDER

PHYCS 383 ATOMIC PHYSICS AND QUANTUM THEORY.
PREREQUISITE: GENERAL PHYSICS, GENERAL CHEMISTRY, MATH. 345, OR EQUIVALENT.
3 HOURS, OR 3/4 OR 1 UNIT.

06619	LECT	A	9	M W F	144	P B		CRAWFORD
06620	LECT	B	11	M W F	144	P B		JACKSON

PHYCS 385 INTRODUCTION TO QUANTUM MECHANICS.
PREREQUISITE: MATH. 343; 345; AND GENERAL PHYSICS THROUGH INTERMEDIATE MECHANICS AND ELECTROMAGNETIC THEORY.
*A STUDENT MAY NOT RECEIVE CREDIT FOR BOTH PHYCS. 385 AND EITHER OF PHYCS. 386 OR 387.
*4 HOURS OR 1 UNIT.

06621	LECT		830-10	TU TH	136	P B		CAMPBELL

PHYCS 386 ATOMIC PHYSICS AND QUANTUM MECHANICS, I.
PREREQUISITE: GENERAL PHYSICS; MATH. 343 OR 345 OR CONSENT OF INSTRUCTOR.
*A STUDENT MAY NOT RECEIVE CREDIT FOR BOTH PHYCS. 381 AND 386; AND FOR BOTH PHYCS. 385 AND 386.
*4 HOURS OR 1 UNIT.

06622	LECT		3-420	M W	136	P B		

PHYCS 387 ATOMIC PHYSICS AND QUANTUM MECHANICS. II.
PREREQUISITE: PHYCS. 386.
*CREDIT NOT ALLOWED FOR PHYCS. 387 IN ADDITION TO PHYCS. 385.
*4 HOURS OR 1 UNIT.

06623	LECT	9	M W F	147	P B		WATTENBERG, SMITH

PHYCS 397 INDIVIDUAL STUDY.
PREREQUISITE: UPPERCLASSMAN, CONSENT OF ADVISOR AND STAFF MEMBER WHO SUPERVISES THE WORK.
*MAY BE REPEATED ONCE.
*2 TO 4 HOURS, OR 1/2 TO 1 UNIT.

06624	CONF	ARR					

PHYCS 422 DYNAMICS AND NON-LINEAR MECHANICS.
PREREQUISITE: PHYCS. 322, MATH. 345.
1 UNIT.

06625	LECT	3-420	M W	139	P B		KUNZ

PHYCS 424 RELATIVITY AND COSMOLOGY.
SAME AS MATH. 460 AND ASTR. 424.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

06626	LECT	2	M W F	206	H H		MCVITTIE

PHYCS 435 THEORY OF SEMICONDUCTORS AND SEMICONDUCTOR DEVICES.
SAME AS E.E. 435.
PREREQUISITE: SENIOR LEVEL COURSE IN QUANTUM MECHANICS OR ATOMIC PHYSICS.
1 UNIT.

06627	DISC	R1	1-220 TU TH	335	E F B		SAH

PHYCS 441 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 342 OR EQUIVALENT, REGISTRATION IN PHYCS. 400 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06628	LECT	9	M W F	137	P B		ADLER

PHYCS 442 ELECTRODYNAMICS.
PREREQUISITE: PHYCS. 441.
1 UNIT.

06629	LECT	10-1120	TU TH	144	P B		KRUSE

PHYCS 455 REACTOR PHYSICS. I.
SAME AS NUC. E. 455.
PREREQUISITE: MATH. 343 AND 345, NUC. E. 347, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06630	LECT-DISC	10	M W F	203	N E L		

PHYCS 462 STATISTICAL MECHANICS AND KINETIC THEORY.
PREREQUISITE: PHYCS. 360 AND ELEMENTARY QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06631	LECT	1-220	TU TH	136	P B		WORTIS

PHYCS 465 PLASMA PHYSICS.
PREREQUISITE: PHYCS. 362, AND 441 OR E. E. 423 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06632	LECT	3-420	M W	143	P B		ICHIMARU

PHYCS 470 INTRODUCTION TO NUCLEAR AND PARTICLE PHYSICS.
PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06633	LECT	3-420	M W	158	P B		O'HALLORAN

PHYCS 471 NUCLEAR PHYSICS I.
PREREQUISITE: PHYCS. 470.
1 UNIT.

06634	LECT	3-420	M W	144	P B		

PHYCS 476 PARTICLE PHYSICS II.
PREREQUISITE: PHYCS. 475.
1 UNIT.

06635	LECT		10	M W F	137	P B	CHANG

PHYCS 477 SEMINAR IN HIGH-ENERGY PHYSICS.
PREREQUISITE: PHYCS. 470 OR CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1/2 UNIT.

06636	DISC		1-3	TU	139	P B	SCHULT

PHYCS 480 QUANTUM MECHANICS, I.
PREREQUISITE: SENIOR LEVEL ATOMIC PHYSICS AND QUANTUM MECHANICS, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06637	LECT		10	M W F	151	P B	PETHICK

PHYCS 481 QUANTUM MECHANICS, II.
PREREQUISITE: PHYCS. 480 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06638	LECT		830-10	TU TH	144	P B	WRIGHT

PHYCS 483 GENERAL FIELD THEORY.
PREREQUISITE: PHYCS. 481 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06639	LECT		10-1120	TU TH	151	P B	STACK

PHYCS 485 ADVANCED FIELD THEORY.
PREREQUISITE: PHYCS. 483 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06640	LECT		1-220	M W	139	P B	WYLD

PHYCS 489 SOLID STATE PHYSICS, I.
PREREQUISITE: PHYCS. 360, 362, 381, 480, OR CONSENT OF INSTRUCTOR.
1 UNIT.

06641	LECT		1-220	M W	144	P B	SLICHTER

PHYCS 490 SOLID STATE PHYSICS, II.
PREREQUISITE: PHYCS. 489 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06642	LECT		1-230	M W	136	P B	

PHYCS 497 INDIVIDUAL STUDY.
1/2 OR 1 UNIT.

06643	CONF	A	APR
06644	CONF	B	APR
06645	CONF	C	APR

PHYCS 498 SEMINAR.
1/2 OR 1 UNIT.
*LECTURE A: SUBJECT TO BE ANNOUNCED.
*LECTURE B: SUBJECT TO BE ANNOUNCED.
*LECTURE C: DECISION-MAKING IN SCIENCE AND TECHNOLOGY.
*LECTURE D: THEORITICAL ASTROPHYSICS.

06646	LECT	*A	1-220	TU TH	144	P B	
06647	LECT	*B	830-10	TU TH	151	P B	
06648	LECT	*C	220-4	TU TH	141	P B	DUKE
06649	LECT	*D	2	M W F	151	P B	BAYM

PHYCS 499 THESIS RESEARCH.
0 TO 4 UNITS.

06650	CONF	APR

DEPARTMENT OFFICE 524 BUR HALL

MAJOR: TWENTY HOURS IN ANIMAL PHYSIOLOGY OR, WITH APPROVAL OF THE ADVISER, UPPER DIVISION COURSES IN GENETICS, BIOCHEMISTRY, BIOPHYSICS, AND PLANT PHYSIOLOGY, NOT INCLUDING ELEMENTARY COURSES, AND INCLUDING PHYSIOLOGY 301, GENERAL PHYSIOLOGY; PHYSIOLOGY 303, GENERAL PHYSIOLOGY LABORATORY; PHYSIOLOGY 302, EXPERIMENTAL ANIMAL PHYSIOLOGY; AND PHYSIOLOGY 304, EXPERIMENTAL PHYSIOLOGY LABORATORY. THE STUDENT'S PROGRAM MUST INCLUDE A YEAR OF GENERAL BIOLOGY, INCLUDING BOTH ANIMAL AND PLANT BIOLOGY; A SEMESTER OF GENETICS; MATHEMATICS THROUGH ELEMENTARY CALCULUS; TWO SEMESTERS OF PHYSICS; AND FOUR SEMESTERS OF CHEMISTRY, INCLUDING GENERAL, INORGANIC, ORGANIC, AND QUANTITATIVE CHEMISTRY. MICROBIOLOGY, EMBRYOLOGY, HISTOLOGY, PHYSICAL CHEMISTRY, AND BIOCHEMISTRY ARE STRONGLY RECOMMENDED.

MINOR: TWENTY HOURS MAY BE CHOSEN FROM PHYSICS, CHEMISTRY, MICROBIOLOGY OR ZOOLOGY, PROVIDED AT LEAST 8 SEMESTER HOURS ARE OFFERED IN THE LESSER, IF TWO MINORS ARE CHOSEN.

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST ENROLL IN PHYSIOLOGY 290 READING COURSE, WORK WITH AN ADVISER FOR AT LEAST TWO SEMESTERS, AND TAKE A GENERAL EXAMINATION IN THE LAST SEMESTER OF THE SENIOR YEAR.

PHYSL 103 INTRODUCTION TO HUMAN PHYSIOLOGY.
PREREQUISITE: CHEM. 100 OR EQUIVALENT. A FAMILIARITY WITH THE PRINCIPLES OF BIOLOGY IS RECOMMENDED.
4 HOURS.
STUDENTS IN LAB-DISC SECTIONS OF THE A OR B SERIES MAY REGISTER IN ANY LECTURE.

06651	LECT	A	2	M W	228	N H B		TAYLOR
06652	LECT	B	10	TU TH	228	N H B		AND BARR
06653	LAB-DISC	1A	8-10	M	310	H H		
		1A	8-10	W	304	H H		
06654	LAB-DISC	1B	8-10	M	312	H H		
		1B	8-10	W	304A	H H		
06655	LAB-DISC	2A	10-12	M	310	H H		
		2A	10-12	W	304	H H		
06656	LAB-DISC	2B	10-12	M	312	H H		
		2B	10-12	W	304A	H H		
06657	LAB-DISC	3A	1-3	M	310	H H		
		3A	1-3	W	304	H H		
06658	LAB-DISC	3B	1-3	M	312	H H		
		3B	1-3	W	304A	H H		
06659	LAB-DISC	4A	3-5	M	310	H H		
		4A	3-5	W	304	H H		
06660	LAB-DISC	4B	3-5	M	312	H H		
		4B	3-5	W	304A	H H		
06661	LAB-DISC	5A	8-10	TU	310	H H		
		5A	8-10	TH	304	H H		
06662	LAB-DISC	5B	8-10	TU	312	H H		
		5B	8-10	TH	304A	H H		
06663	LAB-DISC	6A	10-12	TU	310	H H		
		6A	10-12	TH	304	H H		
06664	LAB-DISC	6B	10-12	TU	312	H H		
		6B	10-12	TH	304A	H H		
06665	LAB-DISC	7A	1-3	TU	310	H H		
		7A	1-3	TH	304	H H		
06666	LAB-DISC	7B	1-3	TU	312	H H		
		7B	1-3	TH	304A	H H		
06667	LAB-DISC	8A	3-5	TU	310	H H		
		8A	3-5	TH	304	H H		
06668	LAB-DISC	8B	3-5	TU	312	H H		
		8B	3-5	TH	304A	H H		
06669	LAB-DISC	9A	8-10	W	310	H H		
		9A	8-10	M	304	H H		
06670	LAB-DISC	9B	8-10	W	312	H H		
		9B	8-10	M	304A	H H		
06671	LAB-DISC	10A	10-12	W	310	H H		
		10A	10-12	M	304	H H		
06672	LAB-DISC	10B	10-12	W	312	H H		
		10B	10-12	M	304A	H H		

PHYSL 103 CONTINUED

06673	LAB-DISC	11A	1-3	W	310	H H	
		11A	1-3	M	304	H H	
06674	LAB-DISC	12A	3-5	W	310	H H	
		12A	3-5	M	304	H H	
06675	LAB-DISC	12B	3-5	W	312	H H	
		12B	3-5	M	304A	H H	
06676	LAB-DISC	13A	8-10	TH	310	H H	
		13A	8-10	TU	304	H H	
06677	LAB-DISC	13B	8-10	TH	312	H H	
		13B	8-10	TU	304A	H H	
06678	LAB-DISC	14A	10-12	TH	310	H H	
		14A	10-12	TU	304	H H	
06679	LAB-DISC	14B	10-12	TH	312	H H	
		14B	10-12	TU	304A	H H	
06680	LAB-DISC	15A	1-3	TH	310	H H	
		15A	1-3	TU	304	H H	
06681	LAB-DISC	15B	1-3	TH	312	H H	
		15B	1-3	TU	304A	H H	
06682	LAB-DISC	16A	3-5	TH	310	H H	
		16A	3-5	TU	304	H H	
06683	LAB-DISC	16B	3-5	TH	312	H H	
		16B	3-5	TU	304A	H H	

PHYSL 234 HUMAN ANATOMY AND PHYSIOLOGY.
PREREQUISITE: PHYSL. 103, OR CONSENT OF INSTRUCTOR.
5 HOURS.

06684	LECT		11	TU TH	124	BUR HALL	HARRIS, HEATH,
06685	LAB	A1	8-10	M W F	413	BUR HALL	STOLPE
06686	LAB	A2	8-10	M W F	422	BUR HALL	
06687	LAB	B1	10-12	M W F	413	BUR HALL	
06688	LAB	B2	10-12	M W F	422	BUR HALL	
06689	LAB	C1	1-3	M W F	413	BUR HALL	
06690	LAB	C2	1-3	M W F	422	BUR HALL	
06691	LAB	D1	3-5	M W F	413	BUR HALL	
06692	LAB	D2	3-5	M W F	422	BUR HALL	
06693	LAB	E1	8-11	TU TH	413	BUR HALL	
06694	LAB	E2	8-11	TU TH	422	BUR HALL	
06695	LAB	G1	1-4	TU TH	413	BUR HALL	

PHYSL 290 READING COURSE.
PREREQUISITE: A COURSE IN PHYSIOLOGY. CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.
NOTE: THIS COURSE IS NOT LIMITED TO HONORS STUDENTS.

06696	CONF		APP				STAFF

PHYSL 291 DISCUSSIONS IN GENERAL PHYSIOLOGY.
PREREQUISITE: PHYSL. 301 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
2 HOURS.
TOPIC: TO BE ANNOUNCED.

06697	DISC		730-930PM	TH	422	BUR HALL	

PHYSL 292 DISCUSSIONS IN ANIMAL PHYSIOLOGY.
PREREQUISITE: PHYSL. 302 OR CONCURRENT REGISTRATION, AND CONSENT OF INSTRUCTOR.
2 HOURS.
TOPIC: SEX AND REPRODUCTION.

06698	DISC		7-9PM	W	140	BUR HALL	GORSKI AND NALBANDOV

PHYSL 302 ANIMAL PHYSIOLOGY.
PREREQUISITE: BIOL. 111 OR BIOL. 251 OR EQUIVALENT, AND ONE YEAR EACH OF COLLEGE-LEVEL MATHEMATICS AND PHYSICS, AND CHEMISTRY THROUGH ORGANIC.
3 HOURS OR 3/4 UNIT.
*SECTION A: EMPHASIS ON MAMMALIAN PHYSIOLOGY; PRIOR COMPLETION OF PHYSL. 301 STRONGLY RECOMMENDED.
SECTION B: EMPHASIS ON COMPARATIVE-ENVIRONMENTAL PHYSIOLOGY.

06699	LECT	*A	10	M W F	124	BUR HALL	STOLPE, PARKER WILLIS, ZEHR
08614	LECT	B	3	M W F	140	BUR HALL	HEATH, PROSSER WILLIS, KATZEN-ELLENBOGEN

PHYSL 304 EXPERIMENTAL PHYSIOLOGY LABORATORY.
PREREQUISITE: PHYSL. 302 OR CURRENT REGISTRATION.
2 HOURS OR 1/4 UNIT.

06700	LAB	1	1-5	M	523	BUR HALL	STAFF
06701	LAB	2	1-5	TU	523	BUR HALL	
06702	LAB	3	1-5	W	523	BUR HALL	
06703	LAB	4	1-5	TH	523	BUR HALL	
06704	LAB	5	1-5	F	523	BUR HALL	
06705	LAB	6	8-12	TU	523	BUR HALL	
06706	LAB	7	8-12	TH	523	BUR HALL	

PHYSL 306 QUANTITATIVE METHODS IN ERGONOMICS.
SAME AS I. E. AND P. E. 306.
PREREQUISITE: I. E./P. E./PHYSL. 305.
4 HOURS OR 1 UNIT.

06707	LAB		1-4	TU TH	422	BUR HALL	HERTIG AND STREETER

PHYSL 312 ENDOCRINOLOGY.
SAME AS ZOOL. 312.
PREREQUISITE: PHYSL. 301 OR A COURSE IN BIOCHEMISTRY: CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06708	LECT		9	M W F	202	H H	GORSKI

PHYSL 374 PROBLEMS IN HUMAN ECOLOGY.
SAME AS ANTH., H. ED., GEOG., PSYCH., SOC., AND V.M.S. 374.
PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL. 369.
4 HOURS OR 1 UNIT.
*ONE DISC HOUR TO BE ARRANGED.

06709	LECT-DISC		*11	M W F	393	BEV HALL	LEVINE
	DISC		*ARR				

PHYSL 402 COMPARATIVE AND ADAPTATIONAL PHYSIOLOGY.
PREREQUISITE: ONE YEAR OF COLLEGE-LEVEL PHYSICS, CHEMISTRY THROUGH ORGANIC, UPPER DIVISION COURSE IN PHYSIOLOGY, KNOWLEDGE OF CALCULUS PRESUMED.
1 UNIT.

06710	LECT-DISC		1	TUWTHF	136	BUR HALL	PROSSER AND STAFF

PHYSL 404 PHYSIOLOGICAL MEASUREMENTS.
SAME AS BIOPH. 404.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A MAXIMUM OF 1 1/2 UNITS.
*1/4 TO 1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

06711	LAB	A	*8-12	TU TH	542	BUR HALL	BARKER AND
06712	LAB	B	*2-6	TU TH	542	BUR HALL	STAFF

PHYSL 412 ADVANCED ENDOCRINOLOGY.
SAME AS AN. S., D. S., AND ZOOL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC: TO BE ANNOUNCED.

06713	DISC		730-10PM	M	140	BUR HALL	NALBANDOV

PHYSL 416 STRUCTURE AND FUNCTION OF THE NERVOUS SYSTEM.
PREREQUISITE: TWO SEMESTERS OF PHYSIOLOGY COURSES BEYOND THE ELEMENTARY LEVEL, TWO SEMESTERS OF GENERAL PHYSICS, CONSENT OF INSTRUCTOR.
1 UNIT.

06714	LECT		10-1130	TU TH	136	BUR HALL	BARKER
	LAB		2-6	M	542	BUR HALL	

PHYSL 431 EXPERIMENTAL RADIOBIOLOGY.
PREREQUISITE: PHYSL. 331 OR EQUIVALENT, CONSENT OF INSTRUCTOR.
1 UNIT.

06715	LAB		2-6	W F	542	BUR HALL	DUCOFF

PHYSL 451 ADVANCED CELLULAR PHYSIOLOGY.
SAME AS ZOOL. 451.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: FUNCTION OF CELL MEMBRANES.

06716	DISC	730-930PM	W	501	BUR HALL	WILLIS AND JENDRASIAK

PHYSL 472 HUMAN PHYSIOLOGY SEMINAR.
PREREQUISITE: TWO SEMESTERS OF ADVANCED PHYSIOLOGY AND ONE SEMESTER OF BIOCHEMISTRY. CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: PATHOLOGIC PHYSIOLOGY OF WATER ELECTROLYTE AND ACID-BASE HOMEOSTASIS.

06717	DISC	3-5	W	136	BUR HALL	TEIGLER

PHYSL 491 INDIVIDUAL TOPICS.
PREREQUISITE: APPROVAL OF DEPARTMENT.
1/2 TO 2 UNITS.
*SECTION B OPEN ONLY TO STUDENTS WHO HAVE DUPLICATE REGISTRATION IN COURSE.

06718	CONF	A	ARR			STAFF
06719	CONF	*B	ARR			

PHYSL 499 THESIS RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.
*NOTE--SECTION B OPEN ONLY TO THOSE WHO HAVE A CONFLICT WITH SECTION A.

06720	CONF	A	4	F	140	BUR HALL	STAFF
06721	CONF	*B	ARR				

PLANT PATHOLOGY

DEPARTMENT OFFICE 218 M H

PL PA 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

06722	CONF	ARR				STAFF

PL PA 204 INTRODUCTORY PLANT PATHOLOGY.
PREREQUISITE: BOT. 100 OR EQUIVALENT.
3 HOURS.

06723	LAB-DISC	10-12	TU TH	W121	T H	LINN

PL PA 300 SPECIAL PROBLEMS.
PREREQUISITE: FOR UNDERGRADUATES MINIMUM GRADE POINT AVERAGE 3.5, NOT OPEN TO STUDENTS ON PROBATION, SENIOR STANDING, CONSENT OF THE INSTRUCTOR AND HEAD OF THE DEPARTMENT. SPECIFIC APPROVAL OF THE ASSOCIATE DEAN IS REQUIRED IN ADVANCE OF REGISTRATION FOR A SECOND AND/OR THIRD SPECIAL PROBLEM COURSE.
*MAXIMUM CREDIT EIGHT HOURS OR TWO UNITS.
*1 TO 4 HOURS, OR 1/4 TO 1 UNIT.
BEVER, BLACK, CARTER
EDWARDS, FORSBERG,
CHAMBERLAIN, GERDEMANN, GRAY
GOTTLIEB, HARTSTIRN,
HOOKER, JEDLINSKI, LINN,
MALEK, PAXTON, POWELL,
SCHOENEWEISS, SHAW, SHURTLEFF,
SINCLAIR.
SECTION &B IS OPEN TO JAMES SCHOLARS AND OTHER STUDENTS HAVING MINIMUM GRADE POINT AVERAGE OF 4.0 AND MAY BE TAKEN IN CONJUNCTION WITH OTHER COURSES IN THIS DEPARTMENT SUBJECT TO APPROVAL OF INSTRUCTOR.

06724	CONF	A	ARR
06725	CONF	&B	ARR

PL PA 304 FOREST TREE DISEASES AND WOOD DETERIORATION.
PREREQUISITE: JUNIOR STANDING IN FORESTRY OR OTHER PLANT SCIENCE.
3 HOURS OR 3/4 UNIT.

06726	LAB-DISC	8-10	M W	W121	T H	GERDEMANN

PL PA 305 PRINCIPLES OF PLANT DISEASE CONTROL.
PREREQUISITE: PL. PA. 204; CHEM. 102, 132 OR 133; OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

06727	LECT	9	M W F	442	M H	

PL PA 403 PHYSIOLOGY OF FUNGI.
SAME AS BOT. 403.
PREREQUISITE: PL. PA. 204 OR EQUIVALENT; ORGANIC OR BIOCHEMISTRY; MYCOLOGY; AND MICROBIOLOGY.
1 UNIT.

06728	LAB	8-10	TU	W121	T H	GOTTLIEB
	LECT	8	TH	W121	T H	GOTTLIEB

PL PA 417 DISCUSSIONS IN PLANT PATHOLOGY.
1/4 UNIT.

06729	DISC	4	M	W115	T H	STAFF

PL PA 499 THESIS RESEARCH.
PREREQUISITE: PL. PA. 302 OR EQUIVALENT.
0 TO 4 UNITS.

BEVER, BLACK, CARTER
CHAMBERLAIN, GERDEMANN
GOTTLIEB, HOOKER,
JEDLINSKI, LINN, MALEK,
PAXTON, POWELL, SHAW,
SHURTLEFF, SINCLAIR.

06730	CONF	ARR	

POLISH

SLAVIC LANGUAGES AND LITERATURES

DEPARTMENT OFFICE 260 L H

POL 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
READINGS IN POLISH LITERATURE. (3-5 HOURS).

06731	CONF	ARR	

POL 386 READINGS IN POLISH LITERATURE.
PREREQUISITE: POL. 385 OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT.

06732	LECT-DISC	1	M W F	1112	F L B	GLADNEY

DEPARTMENT OFFICE 361 L H

MAJOR: TWENTY HOURS FROM COURSES OFFERED BY THE DEPARTMENT OF POLITICAL SCIENCE. A MAJOR MAY INCLUDE THREE SEMESTER HOURS FROM THE FOLLOWING COURSES: ECONOMICS 170, 171 (STATISTICS), ECONOMICS 214 (PUBLIC FINANCE), HISTORY 345, 346, 369, 370 (CONSTITUTIONAL HISTORY), MATHEMATICS 161 (STATISTICS), PSYCHOLOGY 135 (STATISTICS), AND SOCIOLOGY 185 (STATISTICS) AND THREE HOURS OF COMPUTER SCIENCE. A MAXIMUM OF EIGHT HOURS OF 100-LEVEL COURSES MAY BE OFFERED AS PART OF THE POLITICAL SCIENCE MAJOR.

MINOR: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, EDUCATION, FINANCE, GEOGRAPHY, HISTORY, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, PSYCHOLOGY, SOCIAL WORK, SOCIOLOGY, AND SPEECH. ONE OF THE CURRICULA IN LATIN-AMERICA STUDIES, RUSSIAN LANGUAGE AND AREA STUDIES, OR MEDIEVAL CIVILIZATION IS ALSO ACCEPTED AS A SOLE MINOR.

STUDENTS ENTERING THE UNIVERSITY AFTER SEPTEMBER 1, 1963, MAY NOT OFFER MORE THAN EIGHT HOURS OF 100-LEVEL COURSES AS PART OF A MINOR, EXCEPT THAT MATH. 123 OR HIGHER-NUMBERED MATHEMATICS COURSES ARE NOT COUNTED IN THIS LIMITATION.

POLITICAL SCIENCE 150 AND 151 GIVE A GENERAL SURVEY OF NATIONAL, STATE AND LOCAL GOVERNMENT IN THE UNITED STATES. POLITICAL SCIENCE 191 PRESENTS A SURVEY OF THE BASIC CONCEPTS AND METHODS OF POLITICAL SCIENCE AND OF SIGNIFICANT CURRENT GOVERNMENTAL AND POLITICAL PROBLEMS AND POLICIES. UNDERGRADUATES BEGINNING THE STUDY OF POLITICAL SCIENCE ARE ADVISED TO TAKE, FIRST, EITHER POL. S. 150 OR 191. STUDENTS PLANNING TO DO ADVANCED WORK SHOULD, DURING THE SOPHOMORE YEAR, TAKE EITHER 150 OR 191 AND FOLLOW IT WITH SUCH OTHER COURSES AS TO COMPLETE ONE OF THE FOLLOWING COMBINATIONS: 150 AND 151, 150 AND 184 OR 184 AND 191.

POL S 150 AMERICAN GOVERNMENT: ORGANIZATION AND POWERS.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.
3 HOURS.
STUDENTS ENROLLING IN LECTURE M MUST SIGN UP FOR ONE DISCUSSION SECTION M1-M22.

06733	LECT	M	9	TU TH	L H	THEATER		MONYPENNY
06734	DISC	M1	1	TH	329	ARMORY		
06735	DISC	M2	2	TH	329	ARMORY		
06736	DISC	M3	3	TH	329	ARMORY		
06737	DISC	M4	4	TH	329	ARMORY		
06738	DISC	M5	4	TH	315	G H		
06739	DISC	M6	8	F	310	L H		
06740	DISC	M7	9	F	310	L H		
06741	DISC	M8	9	F	43	L I R		
06742	DISC	M9	10	F	310	L H		
06743	DISC	M10	10	F	329	ARMORY		
06744	DISC	M11	12	F	310	L H		
06745	DISC	M12	1	F	329	ARMORY		
06746	DISC	M13	1	F	315	G H		
06747	DISC	M14	2	F	162	L H		
06748	DISC	M15	2	F	176	L H		
06749	DISC	M16	3	F	162	L H		
06750	DISC	M17	3	F	310	L H		
06751	DISC	M18	4	F	310	L H		
06752	DISC	M19	4	F	329	ARMORY		
06753	DISC	M20	4	F	315	G H		
06754	DISC	M21	10	S	310	L H		
06755	DISC	M22	11	S	310	L H		

STUDENTS ENROLLING IN LECTURE E MUST SIGN UP FOR ONE DISCUSSION SECTION E1-E7.

06756	LECT	E	1	M W	314	A H		WEINBAUM
06757	DISC	E1	1	TH	170	L H		
06758	DISC	E2	4	TH	310	L H		
06759	DISC	E3	8	F	43	L I R		
06760	DISC	E4	11	F	315	G H		

POL S 150 CONTINUED

06761	DISC	E5	12		F	315	G H	
06762	DISC	E6	2		F	315	G H	
06763	DISC	E7	3		F	315	G H	

THE FOLLOWING FOUR SECTIONS WILL BE TAUGHT BY ADVANCED GRADUATE STUDENTS AND ENROLLMENT WILL BE LIMITED TO 30.

06764	LECT-DISC	A	8	M W F	315	G H		
06765	LECT-DISC	D	11	M W F	329	ARMORY		
06766	LECT-DISC	G	3	M W F	329	ARMORY		
06767	LECT-DISC	R	1	TU TH S	315	G H		

POL S 151 AMERICAN GOVERNMENT: FUNCTIONS.
PREREQUISITE: POL. S. 150 OR CONSENT OF DEPARTMENT.
3 HOURS.

06768	LECT-DISC	9	M W F	192	L H		MANNER

POL S 184 INTERNATIONAL RELATIONS.
4 HOURS.

06769	LECT-DISC	C	10	M W F	315	G H		
06770	LECT-DISC	F	2	M W F	329	ARMORY		
06771	LECT-DISC	R	1-230	TU TH	213	G H		STAFF

POL S 191 PRINCIPLES OF POLITICAL SCIENCE.
PREREQUISITE: SOPHOMORE STANDING, OR FRESHMAN STANDING WITH DESIGNATION AS JAMES SCHOLAR, OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR BOTH POL. S. 150 AND 191.
*4 HOURS.
SECTION &C IS FOR JAMES SCHOLARS AND OTHER STUDENTS HAVING A GRADE POINT AVERAGE OF 4.0 OR ABOVE.

06772	LECT-DISC	A	8	M W F	192	L H		DOUGLAS
06774	LECT-DISC	&C	10-12	TU TH	192	L H		MCHENRY
06773	LECT-DISC	T	3-5	TU TH	223	G H		DAVIS

POL S 245 BLACK POLITICAL THOUGHT AND MOVEMENTS: USA, AFRICA, CARIBBEAN.
PREREQUISITE: POL. S. 150 OR CONSENT OF INSTRUCTOR.
3 HOURS.

06775	LECT-DISC	3-430	M W	310	L H		STRONG

POL S 263 THE EXECUTIVE BRANCH OF GOVERNMENTS OF THE UNITED STATES.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS.

06776	LECT-DISC	11	M W F	114	D K H		MONYPENNY

POL S 290 HONORS SEMINAR.
PREREQUISITE: JUNIOR OR SENIOR STANDING; SIX HOURS OF POLITICAL SCIENCE; 4.0 AVERAGE OR JAMES SCHOLAR DESIGNATION; CONSENT OF INSTRUCTOR.
3 HOURS.

06777	CONF	10-12	F	398	L H		BYARS

POL S 292 THESIS AND HONORS COURSE.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR AND OPEN ONLY TO SENIORS WHOSE MAJOR IS POLITICAL SCIENCE AND WHO HAVE A GENERAL UNIVERSITY AVERAGE OF AT LEAST 4.0.
2 TO 5 HOURS.

06778	CONF	ARR					STAFF

POL S 293 SELECTED TOPICS IN POLITICAL SCIENCE.
PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 4 HOURS.

06779	CONF	ARR					STAFF

POL S 306 MUNICIPAL PROBLEMS.
PREREQUISITE: SENIOR STANDING OR JUNIOR STANDING WITH POL. S. 305, OR ECON. 102 AND 103, OR SIX HOURS OR POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.
*LECTURE-DISCUSSION SECTION F1 AND ODD NUMBERED DISCUSSION SECTIONS ARE FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER IN LECTURE-DISCUSSION SECTION F2 AND AN EVEN NUMBERED DISCUSSION SECTION.

06790	LECT-DISC	*F1	2	M	W		66	LIB			GOLD
06790	LECT-DISC	*F2	2	M	W		66	LIB			
06781	DISC	*F3	2			F	186	L	H		
06791	DISC	*F4	2			F	186	L	H		
06782	DISC	*F5	2			F	230	L	H		
06792	DISC	*F6	2			F	230	L	H		
06783	DISC	*F7	2			F	336	L	H		
06793	DISC	*F8	2			F	336	L	H		
06784	DISC	*F9	2			F	362	L	H		
06794	DISC	*F10	2			F	362	L	H		
06785	DISC	*F11	2			F	374	L	H		
06795	DISC	*F12	2			F	374	L	H		
06786	DISC	*F13	3			F	390	L	H		
06796	DISC	*F14	3			F	390	L	H		
06787	DISC	*F15	3			F	1	G	H		
06797	DISC	*F16	3			F	1	G	H		
06788	DISC	*F17	3			F	4	G	H		
06798	DISC	*F18	3			F	4	G	H		
06789	DISC	*F19	3			F	9	G	H		
06799	DISC	*F20	3			F	9	G	H		

POL S 315 LEGISLATURES AND LEGISLATION.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06800	LECT-DISC	*A1	1	M	W	F	310	L	H		RUNDQUIST
06801	LECT-DISC	*A2	1	M	W	F	310	L	H		

POL S 331 BRITISH GOVERNMENT.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06802	LECT-DISC	*A1	1030-12	TU	TH		310	L	H		DAVIS
06803	LECT-DISC	*A2	1030-12	TU	TH		310	L	H		

POL S 337 GOVERNMENT AND POLITICS OF CHINA.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06804	LECT-DISC	*A1	9-1030	TU	TH		310	L	H		YU
06805	LECT-DISC	*A2	9-1030	TU	TH		310	L	H		

POL S 338 GOVERNMENTS AND POLITICS IN THE MIDDLE EAST.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS, OR 1/2 OR 1 UNIT.

06806	LECT-DISC		830-10	TU	TH		192	L	H		WEINBAUM

POL S 340 THE GERMAN POLITICAL SYSTEM.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06807	LECT-DISC	*A1	9-1030	TU	TH		315	G	H		MERRITT
06808	LECT-DISC	*A2	9-1030	TU	TH		315	G	H		

POL S 343 POLITICAL SYSTEMS AND STRUCTURES OF LATIN AMERICAN COUNTRIES.
PREREQUISITE: POL. S. 342.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06809	LECT-DISC	*A1	10-1130	TU	TH		329	ARMORY			BYARS
06810	LECT-DISC	*A2	10-1130	TU	TH		329	ARMORY			

POL S 347 GOVERNMENTS AND POLITICS OF SOUTHEAST ASIA.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06811	LECT-DISC *A1	3	M W F	192	L H		DOUGLAS
06812	LECT-DISC *A2	3	M W F	192	L H		

POL S 349 GOVERNMENTS AND POLITICS OF SOUTH ASIA.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06813	LECT-DISC *A1	11-1230	TU TH	315	G H		COHEN
06814	LECT-DISC *A2	11-1230	TU TH	315	G H		

POL S 354 THE JUDICIAL PROCESS.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06815	LECT-DISC *A1	1	M W F	192	L H		CARMEN
06816	LECT-DISC *A2	1	M W F	192	L H		

POL S 355 THE CONSTITUTION AND CIVIL LIBERTIES.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS. OR 1/2 OR 1 UNIT.

06817	LECT-DISC	3	M W F	66	LIB		CARMEN

POL S 357 LAW AND POLITICS OF ENVIRONMENTAL PROTECTION.
PREREQUISITE: POL. S. 150 OR 191.
3 HOURS. OR 1/2 OR 1 UNIT.

06818	LECT-DISC A	12-130	TU TH	192	L H		NAGEL
06819	LECT-DISC B	3-430	TU TH	192	L H		NAGEL

POL S 366 TOOLS OF PUBLIC MANAGEMENT.
PREREQUISITE: POL. S. 361 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06820	LECT-DISC *A1	8	M W F	362	L H		PAGE
06821	LECT-DISC *A2	8	M W F	362	L H		

POL S 381 AMERICAN FOREIGN RELATIONS.
PREREQUISITE: SIX HOURS OF POLITICAL SCIENCE.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06822	LECT-DISC A1	9-1030	M W	310	L H		BOCK
06823	LECT-DISC A2	9-1030	M W	310	L H		

POL S 384 INTERNATIONAL RELATIONS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06824	LECT-DISC *A1	2-330	TU TH	132	L H		GLAD
06825	LECT-DISC *A2	2-330	TU TH	132	L H		

POL S 386 INTERNATIONAL LAW.
PREREQUISITE: SENIOR STANDING. OR JUNIOR STANDING WITH SIX HOURS OF POLITICAL SCIENCE.
3 HOURS. OR 1/2 OR 1 UNIT.

06826	LECT-DISC	11	M W F	310	L H		MANNER

POL S 387 NATIONAL SECURITY POLICY.
3 HOURS. OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06827	LECT-DISC *A1	2-330	TU TH	310	L H		COHEN
06828	LECT-DISC *A2	2-330	TU TH	310	L H		

POL S 392 SOCIALIST POLITICAL THEORY.
PREREQUISITE: SOPHOMORE STANDING.
3 HOURS OR 1 UNIT.

06829	LECT-DISC	1030-12	TU TH	118	L H	CARROLL

POL S 395 MODERN POLITICAL THEORY.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06830	LECT-DISC *A1	2	M W F	192	L H	SCHILLER
06831	LECT-DISC *A2	2	M W F	192	L H	

POL S 400 CLASSICS OF POLITICAL SCIENCE.
1 UNIT.

06832	LECT-DISC	230-430	W	315	G H	CARROLL

POL S 402 HISTORY OF POLITICAL THEORIES.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06833	LECT-DISC *A1	1-3	TH	370	L H	SCHILLER
06834	LECT-DISC *A2	1-3	TH	370	L H	

POL S 406 MUNICIPAL ADMINISTRATION.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06835	LECT-DISC *A1	3-5	TU	230	L H	GOLD
06836	LECT-DISC *A2	3-5	TU	230	L H	

POL S 427 PSYCHOLOGICAL BASES OF POLITICAL BEHAVIOR.
1 UNIT.

06837	LECT-DISC	10-12	TH	261	L H	COOMBS

POL S 428 MULTIVARIATE ANALYSIS FOR POLITICAL SCIENTISTS.
PREREQUISITE: SOC. 413 OR 387; AND POL. S. 497; OR CONSENT OF INSTRUCTOR.
1 UNIT.

06838	LECT-DISC	ARR		261	L H	JOHNSON

POL S 437 PROBLEMS IN CHINESE POLITICS AND GOVERNMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

06839	LECT-DISC	1-3	TH	398	L H	YU

POL S 439 PROBLEMS OF AFRICAN POLITICS AND GOVERNMENT.
*MAY BE REPEATED FOR CREDIT NOT TO EXCEED 2 UNITS.
*1 UNIT.

06840	LECT-DISC	8-10	W	398	L H	MCHENRY

POL S 448 PROBLEMS IN JAPANESE POLITICS AND GOVERNMENT.
PREREQUISITE: CREDIT OR REGISTRATION IN POL. S. 430, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

06841	LECT-DISC	10-12	W	398	L H	WEINSTEIN

POL S 450 CONTEMPORARY GOVERNMENTAL PROBLEMS.
*STUDENTS MAY ACCUMULATE THREE UNITS.
*1 UNIT.

06842	LECT-DISC	3-5	F	398	L H	RUNDQUIST

POL S 466 CURRENT ADMINISTRATIVE THEORY.
1 UNIT.
*SECTION A1 IS FOR POLITICAL SCIENCE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

06843	LECT-DISC *A1	3-5	TH	398	L H	RICH
06844	LECT-DISC *A2	3-5	TH	398	L H	

POL S 471 PROBLEMS IN INTERNATIONAL ORGANIZATION.
1 UNIT.
06845 LECT-DISC 130-330 M 398 L H BOCK

POL S 481 FOREIGN RELATIONS OF THE UNITED STATES.
1 UNIT.
06846 LECT-DISC 2-4 W 398 L H MERRITT

POL S 482 UNITED STATES FOREIGN POLICIES.
1 UNIT.
06847 LECT-DISC 7-9PM TU 398 L H GLAD

POL S 491 PROSEMINAR IN POLITICAL BEHAVIOR, II.
PREREQUISITE: POL. S. 490.
1 UNIT.
06848 LECT-DISC 1-3 M 261 L H COOMBS

POL S 493 RESEARCH IN SELECTED TOPICS.
1/2 TO 3 UNITS.
06849 CONF ARR STAFF

POL S 495 SCOPE AND METHODS OF POLITICAL SCIENCE.
1 UNIT.
06850 LECT-DISC 1-230 M W 315 G H HOBBS

POL S 497 RESEARCH DESIGN AND TECHNIQUES.
PREREQUISITE: POL. S. 496.
1 UNIT.
06851 LECT-DISC 9-11 TU 261 L H JOHNSON

POL S 498 THE LOGIC OF POLITICAL INQUIRY: SELECTED TOPICS.
PREREQUISITE: POL. S. 495.
*MAY BE REPEATED FOR CREDIT NOT TO EXCEED 2 UNITS.
*1 UNIT.
06852 LECT-DISC 3-5 TU 398 L H HOBBS

POL S 499 THESIS RESEARCH.
0 TO 4 UNITS.
06853 CONF ARR STAFF

PORTUGUESE

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY HOURS IN PORTUGUESE, EXCLUDING PORTUGUESE 101 AND 102, AND INCLUDING PORTUGUESE 201 AND AT LEAST SIX HOURS OF PORTUGUESE FROM THE GROUP FOR ADVANCED UNDERGRADUATES AND GRADUATES. EITHER LINGUISTICS 300, INTRODUCTION TO LINGUISTICS, OR LINGUISTICS 302, COMPARATIVE LINGUISTICS, MAY BE COUNTED TOWARD THE MAJOR IN PORTUGUESE.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ENGLISH (EXCLUDING RHETORIC 101 AND 102), FRENCH, GEOGRAPHY, GERMAN, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, LINGUISTICS, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, POLITICAL SCIENCE, RUSSIAN, SPANISH.

PORT 102 ELEMENTARY PORTUGUESE. II.
PREREQUISITE: PORT. 101.
4 HOURS.
ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS W3-W20.

06854	LECT-DISC	X	12	MTUWTH	230	L	H	
06855	LAB	W3	8-830	W F	202	L	H	
06856	LAB	W4	830-9	W F	202	L	H	
06857	LAB	W5	9-930	W F	202	L	H	
06858	LAB	W6	930-10	W F	202	L	H	
06859	LAB	W7	10-1030	W F	202	L	H	
06860	LAB	W8	1030-11	W F	202	L	H	
06861	LAB	W9	11-1130	W F	202	L	H	
06862	LAB	W10	1130-12	W F	202	L	H	
06863	LAB	W11	12-1230	W F	202	L	H	
06864	LAB	W12	1230-1	W F	202	L	H	
06865	LAB	W13	1-130	W F	202	L	H	
06866	LAB	W14	130-2	W F	202	L	H	
06867	LAB	W15	2-230	W F	202	L	H	
06868	LAB	W16	230-3	W F	202	L	H	
06869	LAB	W17	3-330	W F	202	L	H	
06870	LAB	W18	330-4	W F	202	L	H	
06871	LAB	W19	4-430	W F	202	L	H	
06872	LAB	W20	430-5	W F	202	L	H	

PORT 104 INTERMEDIATE PORTUGUESE. II.
PREREQUISITE: PORT. 103 OR THREE YEARS OF HIGH SCHOOL PORTUGUESE.
4 HOURS.

06873	LECT-DISC	X	12	MTUWTH	1118	F	L	B

PORT 112 INTERMEDIATE PORTUGUESE.
PREREQUISITE: PORT. 102 OR 111. OR TWO YEARS OF HIGH SCHOOL PORTUGUESE.
8 HOURS.

06874	LECT-DISC		8-10	TUWTHF	108	L	H	

PORT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION D TOPIC: PORTUGAL AND BRAZIL. TWO SOCIEITES IN THEIR NOVELS. READINGS AND DISCUSSIONS IN ENGLISH. NO KNOWLEDGE OF PORTUGUESE IS NECESSARY.

06875	LECT-DISC	D	11	M W F	1136	F	L	B	PRETO-RODAS

PORT 201 INTRODUCTION TO PORTUGUESE AND BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 104 OR 112. OR CONSENT OF INSTRUCTOR.
3 HOURS.

06876	LECT-DISC		11	M W F	1118	F	L	B	AIEX

PORT 290 READINGS IN PORTUGUESE.
PREREQUISITE: PORT. 104 OR 112. OR CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

06877	CONF		ARR						STAFF

PORT 302 INTRODUCTION TO PORTUGUESE LITERATURE.
PREREQUISITE: PORT. 201 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

06878	LECT-DISC		3	M W F	1118	F	L	B	PRETO-RODAS

PORT 304 A CULTURA BRASILEIRA DESDE 1822.
PREREQUISITE: PORT. 201 OR 211. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

06879	LECT-DISC		10	M W F	1126	F	L	B	AIEX

PORT 406 STRUCTURE OF BRAZILIAN PORTUGUESE--MORPHOLOGY AND SYNTAX.
1 UNIT.

06880	LECT-DISC		9	TU TH	1118	F	L	B	ALLEN

PORT 407 STUDIES IN BRAZILIAN LITERATURE.
PREREQUISITE: PORT. 301 OR CONSENT OF INSTRUCTOR.
1 UNIT.

06881	LECT-DISC		11	TU TH	1118	F	L	B	AIEX

PORT 462 SEMINAR IN ROMANCE LINGUISTICS.
SAME AS FR., ITAL., LING., RMLNG., AND SPAN. 462.
PREREQUISITE: RMLNG. 362 OR CONSENT OF INSTRUCTOR.
1 UNIT.
06882 LECT-DISC 1 M W 1118 F L B SALTARELLI

PORT 491 SPECIAL TOPICS IN PORTUGUESE.
1/2 OR 1 UNIT.
06883 CONF ARR STAFF

PORT 499 THESIS RESEARCH.
0 TO 4 UNITS.
06884 CONF ARR ALLEN
FORSTER
PRETO-RODAS

PSYCHOLOGY

DEPARTMENT OFFICE 308 PSYCH BLDG

MAJOR: THREE TYPES OF MAJOR PROGRAMS ARE OFFERED: THE GENERAL MAJOR, SUITABLE FOR STUDENTS INTERESTED PRIMARILY IN GENERAL LIBERAL EDUCATION; THE APPLIED PSYCHOLOGY MAJOR, DESIGNED FOR STUDENTS INTEPESTED IN VOCATIONAL PREPARATION INVOLVING A MINIMUM OF GRADUATE TRAINING; AND THE GRADUATE PREPARATORY MAJOR, DESIGNED MAINLY TO PREPARE STUDENTS FOR GRADUATE TRAINING LEADING TO THE DOCTORATE IN PSYCHOLOGY.

THE GENERAL MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 135 IS REQUIRED IN THIS PROGRAM AND SHOULD BE TAKEN AS SOON AS POSSIBLE AFTER THE INTRODUCTORY COURSE. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE TWO FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294 MAY BE INCLUDED IN AREA I OR AREA II.

THE APPLIED PSYCHOLOGY MAJOR CAN SPECIALIZE IN ANY ONE OF THREE DIFFERENT OPTIONS, NAMELY, ENGINEERING PSYCHOLOGY, PERSONNEL PSYCHOLOGY, AND MEASUREMENT PSYCHOLOGY. THE REQUIREMENTS FOR ENGINEERING PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 356, 359; 12 HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332, 390; COMPUTER SCIENCE 103; PHYSIOLOGY 305. THE REQUIREMENTS FOR PERSONNEL PSYCHOLOGY ARE AS FOLLOWS: PSYCHOLOGY 235, 245, 332, 355, 390; 6 HOURS SELECTED FROM PSYCHOLOGY 201, 250, 258, 356; 6 HOURS SELECTED FROM ACCOUNTANCY 201; BUSINESS LAW 261; ECONOMICS 102, 103, 300; INDUSTRIAL ENGINEERING 287; SOCIOLOGY 300; COMPUTER SCIENCE 101 OR 103. THE REQUIREMENTS FOR PSYCHOLOGICAL MEASUREMENT ARE AS FOLLOWS: PSYCHOLOGY 100, 103, OR 105; PSYCHOLOGY 235, 245, 390; THREE HOURS SELECTED FROM PSYCHOLOGY 216, 250, 338; EIGHT HOURS SELECTED FROM PSYCHOLOGY 330, 331, 332; THREE HOURS SELECTED FROM 217, 230, OR 248; EITHER COMPUTER SCIENCE 101 OR 103.

THE GRADUATE PREPARATORY MAJOR MUST COMPLETE TWENTY HOURS IN PSYCHOLOGY BEYOND PSYCHOLOGY 100, 103, OR 105. PSYCHOLOGY 235 AND EIGHT HOURS OF WORK IN LABORATORY COURSES AT THE 300 LEVEL ARE REQUIRED IN THIS PROGRAM. THE TWENTY HOURS BEYOND THE INTRODUCTORY COURSE MUST INCLUDE AT LEAST SIX HOURS FROM EACH OF THE FOLLOWING AREAS: AREA I: PSYCHOLOGY 211, 217, 230, 248, 311, 326, 330, 331, 335, 345, 346, 348; AREA II: PSYCHOLOGY 201, 216, 245, 250, 332, 338, 350, 351, 352, 355, 359, 371, 373, 390. WITH THE INSTRUCTOR'S APPROVAL, PSYCHOLOGY 198, 199, 293, OR 294, MAY BE INCLUDED IN EITHER AREA I OR AREA II. GRADUATE PREPARATORY MAJORS ARE ALSO URGED TO TAKE MATHEMATICS THROUGH CALCULUS, AT LEAST A FULL-YEAR LABORATORY COURSE IN ANOTHER SCIENCE, AND AT LEAST TWO YEARS OF FRENCH, GERMAN OR RUSSIAN, WITH TWO YEARS IN EACH OF TWO DESIRABLE.

MINOR: FOR THE GENERAL MAJOR, 20 HOURS IN ANY SUBJECT MATTER ACCEPTED FOR CREDIT BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES; IF TWO ARE CHOSEN THERE MUST BE A MINIMUM OF 8 HOURS IN EACH. IN ADDITION, IF FOREIGN LANGUAGE CREDIT IS OFFERED, IT MUST BE BEYOND THAT REQUIRED BY THE COLLEGE FOR GRADUATION.

FOR THE APPLIED PSYCHOLOGY MAJOR, THE MINOR MUST BE SELECTED IN ACCORDANCE WITH THE MAJOR OPTION. FOR ENGINEERING PSYCHOLOGY, A MINOR OR MINORS OF 20 HOURS SELECTED FROM MATHEMATICS, ENGINEERING, PHYSICS, AND PHYSIOLOGY. FOR PERSONNEL PSYCHOLOGY, A MINOR OR SPLIT MINOR OF 20 HOURS SELECTED FROM MATHEMATICS, ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, AND SOCIOLOGY. FOR PSYCHOLOGICAL MEASUREMENT, A MINOR OF 20 HOURS IN MATHEMATICS WHICH INCLUDES MATHEMATICS 315.

FOR THE GRADUATE PREPARATORY MAJOR, 20 HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, PROVIDING THAT IF TWO ARE CHOSEN, THERE MUST BE A MINIMUM OF 8 HOURS IN EACH: ANTHROPOLOGY, ANY BIOLOGICAL SCIENCE, CHEMISTRY, ECONOMICS, EDUCATION, ENGINEERING, LINGUISTICS, MATHEMATICS, PHILOSOPHY, PHYSICS, POLITICAL SCIENCE, AND SOCIOLOGY.

DEPARTMENTAL DISTINCTION: THE MINIMUM REQUIREMENTS FOR GRADUATION WITH DEPARTMENTAL DISTINCTION IN PSYCHOLOGY ARE AS FOLLOWS: A 4.33 GRADE POINT AVERAGE IN PSYCHOLOGY COURSES, SATISFACTORY COMPLETION OF THE COURSES REQUIRED IN THE GRADUATE PREPARATORY MAJOR PROGRAM, AND FOUR HOURS OF CREDIT IN PSYCHOLOGY 291-292, THE HONORS PROGRAM SEMINAR, INCLUDING AN ACCEPTABLE BACHELOR'S THESIS.

PSYCH 100 INTRODUCTION TO PSYCHOLOGY.
NOT OPEN TO STUDENTS ELECTING PSYCH. 103 OR 105.
REQUIRES FIVE HOURS OF PARTICIPATION IN LABORATORY EXPERIMENTS 4 HOURS.
LECTURE-DISCUSSIONS A THROUGH Z ARE A COMBINATION OF CLOSED-CIRCUIT TELEVISION LECTURES, DEMONSTRATIONS, AND FILMS, FOLLOWED BY DISCUSSION. STUDENTS SHOULD REGISTER FOR ONE SECTION ONLY. LECTURES AA THROUGH JJ DO NOT INCLUDE CLOSED-CIRCUIT TELEVISION AND MEET 3 HOURS PER WEEK WITH THE FOURTH HOUR TO BE ARRANGED. LECTURES &A, &B, AND &C ARE OFFERED IN THE SPECIAL INTEREST OF AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER MAY BE TAKEN CONCURRENTLY WITH PSYCH. 101 FOR ONE ADDITIONAL CREDIT HOUR.

06885	LECT-DISC	A	9-1020	M W	260	M E B		COSTIN AND
06886	LECT-DISC	B	9-1020	M W	317	G H		STAFF
06887	LECT-DISC	C	9-1020	M W	252	M E B		
06888	LECT-DISC	D	9-1020	TU TH	260	M E B		
06889	LECT-DISC	E	9-1020	TU TH	317	G H		
06890	LECT-DISC	F	9-1020	TU TH	252	M E B		
06891	LECT-DISC	G	1030-1150	M W	260	M E B		
06892	LECT-DISC	H	1030-1150	M W	317	G H		
06893	LECT-DISC	J	1030-1150	M W	252	M E B		
06894	LECT-DISC	K	1030-1150	TU TH	260	M E B		
06895	LECT-DISC	L	1030-1150	TU TH	317	G H		
06896	LECT-DISC	M	1030-1150	TU TH	252	M E B		
06897	LECT-DISC	N	12-120	M W	260	M E B		
06898	LECT-DISC	P	12-120	M W	317	G H		
06899	LECT-DISC	Q	12-120	M W	252	M E B		
06900	LECT-DISC	R	12-120	TU TH	260	M E B		
06901	LECT-DISC	S	12-120	TU TH	317	G H		
06902	LECT-DISC	T	12-120	TU TH	252	M E B		
06903	LECT-DISC	U	130-250	M W	260	M E B		
06904	LECT-DISC	V	130-250	M W	317	G H		
06905	LECT-DISC	W	130-250	M W	252	M E B		
06906	LECT-DISC	X	130-250	TU TH	260	M E B		
06907	LECT-DISC	Y	130-250	TU TH	317	G H		
06908	LECT-DISC	Z	130-250	TU TH	252	M E B		
06909	LECT	AA	9	M W F	17	PSYCH BLD		BUSH,
06910	LECT	BB	9	M W F	31	PSYCH BLD		HENDRICKS,
06911	LECT	CC	10	M W F	17	PSYCH BLD		LAMBERT,
06912	LECT	DD	1-3	TU TH	31	PSYCH BLD		POMAZAL,
06913	LECT	EE	1	M W F	17	PSYCH BLD		SHUPIENIS
06914	LECT	FF	2	M W F	31	PSYCH BLD		
06915	LECT	GG	2	M W F	17	PSYCH BLD		
06916	LECT	HH	12	M W F	31	PSYCH BLD		
06917	LECT	JJ	9-1020	TU TH	31	PSYCH BLD		
06918	LECT	&A	10	M W F	21	PSYCH BLD		MENGES
06919	LECT	&B	11	M W F	21	PSYCH BLD		LAWSON
06920	LECT	&C	1	M W F	21	PSYCH BLD		ATWOOD

PSYCH 103 INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY.
4 HOURS.
MAY BE TAKEN CONCURRENTLY WITH PSYCH. 101 FOR ONE ADDITIONAL CREDIT HOUR.

06921	LAB-DISC	A	9	M W	100	M M B		MAIER AND MEAD
		A	8-10	TU TH	35	PSYCH BLD		
06922	LAB-DISC	B	9	M W	100	M M B		
		B	10-12	M W	35	PSYCH BLD		
06923	LAB-DISC	C	9	M W	100	M M B		
		C	1-3	M W	35	PSYCH BLD		
06924	LAB-DISC	D	9	M W	100	M M B		
		D	3-5	M W	35	PSYCH BLD		
06925	LAB-DISC	E	9	M W	100	M M B		
		E	10-12	TU TH	35	PSYCH BLD		
06926	LAB-DISC	F	9	M W	100	M M B		
		F	1-3	TU TH	35	PSYCH BLD		
06927	LAB-DISC	G	9	M W	100	M M B		
		G	3-5	TU TH	35	PSYCH BLD		
06928	LAB-DISC	H	9	M W	100	M M B		
		H	8-10	TU TH	37	PSYCH BLD		
06929	LAB-DISC	J	9	M W	100	M M B		
		J	10-12	M W	37	PSYCH BLD		
06930	LAB-DISC	K	9	M W	100	M M B		
		K	1-3	M W	37	PSYCH BLD		
06931	LAB-DISC	L	9	M W	100	M M B		
		L	3-5	M W	37	PSYCH BLD		
06932	LAB-DISC	M	9	M W	100	M M B		
		M	10-12	TU TH	37	PSYCH BLD		
06933	LAB-DISC	N	9	M W	100	M M B		
		N	1-3	TU TH	37	PSYCH BLD		
06934	LAB-DISC	P	9	M W	100	M M B		
		P	3-5	TU TH	37	PSYCH BLD		

PSYCH 105 ELEMENTS OF PSYCHOLOGY.
NOT OPEN TO STUDENTS ELECTING PSYCH. 100 OR 103.
FOR PLACEMENT PURPOSES ENROLLMENT IS LIMITED TO STUDENTS WHOSE ACT COMPOSITE SCORE IS 21 AND BELOW.
4 HOURS.
MAY BE TAKEN CONCURRENTLY WITH PSYCH 101 FOR ONE ADDITIONAL CREDIT HOUR.

06935	LECT-DISC	A	12	M W F	23	PSYCH BLD		D. MCGRATH
		A	9	M	13	PSYCH BLD		
06936	LECT-DISC	B	12	M W F	23	PSYCH BLD		
		B	9	W	13	PSYCH BLD		
06937	LECT-DISC	C	12	M W F	23	PSYCH BLD		
		C	10	TU	13	PSYCH BLD		
06938	LECT-DISC	D	12	M W F	23	PSYCH BLD		
		D	11	M	13	PSYCH BLD		
06939	LECT-DISC	E	12	M W F	23	PSYCH BLD		
		E	1	TU	13	PSYCH BLD		
06940	LECT-DISC	F	12	M W F	23	PSYCH BLD		
		F	3	M	13	PSYCH BLD		

PSYCH 135 STATISTICAL THINKING IN PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
#CREDIT IS NOT GIVEN FOR PSYCH. 135 IN ADDITION TO ECON. 171 MATH. 161, OR PSYCH. 235.
#3 HOURS.

06941	LECT	A	11	M W F	17	PSYCH BLD		ATWOOD
06942	LECT	B	3-420	TU TH	17	PSYCH BLD		
06943	LECT	C	3-420	TU TH	29	PSYCH BLD		

PSYCH 143 BIOLOGICAL BASES OF HUMAN BEHAVIOR.
SAME AS ANTH. AND ZOOL. 143.
3 HOURS.

06944	LECT-DISC		9-1030	TU TH	313	O H		

PSYCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
STUDENTS WISHING TO REGISTER IN ONE OR MORE OF THESE SECTIONS
SHOULD CONSULT THE ACADEMIC COUNSELOR OF THE PSYCHOLOGY DEPARTMENT,
ROOM 2, PSYCH BUILDING.
TOPICS FOR THE VARIOUS SECTIONS WILL BE POSTED NEARBY ROOM 2,
PSYCHOLOGY BUILDING.

06945	DISC	A	ARR		
06946	DISC	B	ARR		
06947	DISC	C	ARR		RAPPAPORT
06948	DISC	D	ARR		KIRK AND HUNT
06949	DISC	E	ARR		
06950	DISC	F	ARR		
06951	DISC	G	ARR		
06952	DISC	H	ARR		
06953	DISC	J	ARR		
06954	DISC	K	ARR		

PSYCH 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 201 AND SOC. 201.
*4 HOURS.
SECTION 60 IS OFFERED IN THE SPECIAL INTEREST OF
AND ARE LIMITED TO, JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS
WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER. FOURTH HOUR TO BE
ARRANGED FOR HONORS SECTION ONLY.

06955	LECT-DISC	A1	12	M W F	112	G H		FELDMAN
		A1	8	M	27	PSYCH BLD		
06956	LECT-DISC	A2	12	M W F	112	G H		
		A2	9	M	27	PSYCH BLD		
06957	LECT-DISC	A3	12	M W F	112	G H		
		A3	10	M	27	PSYCH BLD		
06958	LECT-DISC	A4	12	M W F	112	G H		
		A4	11	M	27	PSYCH BLD		
06959	LECT-DISC	A5	12	M W F	112	G H		
		A5	1	M	27	PSYCH BLD		
06960	LECT-DISC	A6	12	M W F	112	G H		
		A6	2	M	27	PSYCH BLD		
06961	LECT-DISC	A7	12	M W F	112	G H		
		A7	3	M	27	PSYCH BLD		
06962	LECT-DISC	A8	12	M W F	112	G H		
		A8	4	M	27	PSYCH BLD		
06963	LECT-DISC	A9	12	M W F	112	G H		
		A9	8	TU	27	PSYCH BLD		
06964	LECT-DISC	A10	12	M W F	112	G H		
		A10	9	TU	27	PSYCH BLD		
06965	LECT-DISC	B1	1	M W F	112	G H		TRIANDIS
		B1	10	TU	27	PSYCH BLD		
06966	LECT-DISC	B2	1	M W F	112	G H		
		B2	11	TU	27	PSYCH BLD		
06967	LECT-DISC	B3	1	M W F	112	G H		
		B3	2	TU	27	PSYCH BLD		
06968	LECT-DISC	B4	1	M W F	112	G H		
		B4	3	TU	27	PSYCH BLD		
06969	LECT-DISC	B5	1	M W F	112	G H		
		B5	4	TU	27	PSYCH BLD		
06970	LECT-DISC	B6	1	M W F	112	G H		
		B6	8	W	27	PSYCH BLD		
06971	LECT-DISC	B7	1	M W F	112	G H		
		B7	9	W	27	PSYCH BLD		
06972	LECT-DISC	B8	1	M W F	112	G H		
		B8	10	W	27	PSYCH BLD		
06973	LECT-DISC	B9	1	M W F	112	G H		
		B9	11	W	27	PSYCH BLD		
06974	LECT-DISC	B10	1	M W F	112	G H		
		B10	2	W	27	PSYCH BLD		
06975	LECT-DISC	C1	2	M W F	100	G H		ROISTACHER
		C1	3	W	27	PSYCH BLD		
06976	LECT-DISC	C2	2	M W F	100	G H		
		C2	8	TH	27	PSYCH BLD		
06977	LECT-DISC	C3	2	M W F	100	G H		
		C3	9	TH	27	PSYCH BLD		
06978	LECT-DISC	C4	2	M W F	100	G H		
		C4	10	TH	27	PSYCH BLD		
06979	LECT-DISC	C5	2	M W F	100	G H		
		C5	11	TH	27	PSYCH BLD		
06980	LECT-DISC	C6	2	M W F	100	G H		
		C6	1	TH	27	PSYCH BLD		

PSYCH 201 CONTINUED

06981	LECT-DISC	C7	2	M W F	100	G H		
		C7	2	TH	27	PSYCH BLD		
06982	LECT-DISC	C8	2	M W F	100	G H		
		C8	3	TH	27	PSYCH BLD		
06983	LECT-DISC	C9	2	M W F	100	G H		
		C9	8	F	27	PSYCH BLD		
06984	LECT-DISC	C10	2	M W F	100	G H		
		C10	9	F	27	PSYCH BLD		
06985	LECT	ED	9	M W F	207	PSYCH BLD	WOLL	

PSYCH 211 PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; PHYSL. 103 OR 106 OR ZOOL. 101.
4 HOURS.
*SECTIONS 2, 4, 6, 8, 10, AND 12 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS 1, 3, 5, 7, 9, 11.

06992	LAB-DISC	*1	2	TU TH	32	PSYCH BLD	LAWSON	
		*1	10-12	M	258	PSYCH BLD		
06986	LAB-DISC	*2	2	TU TH	32	PSYCH BLD		
		*2	10-12	M	258	PSYCH BLD		
06993	LAB-DISC	*3	2	TU TH	32	PSYCH BLD		
		*3	10-12	TU	258	PSYCH BLD		
06987	LAB-DISC	*4	2	TU TH	32	PSYCH BLD		
		*4	10-12	TU	258	PSYCH BLD		
06994	LAB-DISC	*5	2	TU TH	32	PSYCH BLD		
		*5	10-12	W	258	PSYCH BLD		
06988	LAB-DISC	*6	2	TU TH	32	PSYCH BLD		
		*6	10-12	W	258	PSYCH BLD		
06995	LAB-DISC	*7	2	TU TH	32	PSYCH BLD		
		*7	10-12	TH	258	PSYCH BLD		
06989	LAB-DISC	*8	2	TU TH	32	PSYCH BLD		
		*8	10-12	TH	258	PSYCH BLD		
06996	LAB-DISC	*9	2	TU TH	32	PSYCH BLD		
		*9	10-12	F	258	PSYCH BLD		
06990	LAB-DISC	*10	2	TU TH	32	PSYCH BLD		
		*10	10-12	F	258	PSYCH BLD		
06997	LAB-DISC	*11	2	TU TH	32	PSYCH BLD		
		*11	10-12	S	258	PSYCH BLD		
06991	LAB-DISC	*12	2	TU TH	32	PSYCH BLD		
		*12	10-12	S	258	PSYCH BLD		

PSYCH 216 CHILD PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
3 HOURS.

06998	LECT	A	9-1020	TU TH	150	V M	A. BROWN	
06999	LECT	B	10	M W F	100	G H	D. MONTANELLI	
07000	LECT	C	11	M W F	100	G H	D. MONTANELLI	
07001	LECT	D	2	M W F	101	ARMORY	L. COHEN/STAFF	

PSYCH 230 PERCEPTION AND SENSORY PROCESSES.
PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
3 HOURS.
*SECTIONS 2 AND 4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1 OR 3.

07005	LECT	*1	9-1020	TU TH	23	PSYCH BLD	SHAW/TRIANDIS	
07003	LECT	*2	9-1020	TU TH	23	PSYCH BLD	SHAW/TRIANDIS	
07006	LECT	*3	1-220	TU TH	23	PSYCH BLD	SHAW/TRIANDIS	
07004	LECT	*4	1-220	TU TH	23	PSYCH BLD	SHAW/TRIANDIS	

PSYCH 235 STATISTICAL METHODS IN PSYCHOLOGICAL RESEARCH.
PREREQUISITE: PSYCH. 100, 103, OR 105; MATH. 111 OR EQUIVALENT; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
*ONLY 1 HOUR OF CREDIT IS GIVEN TO THOSE WHO HAVE CREDIT IN ECON. 170 OR 171, MATH. 161 OR PSYCH. 135.
*4 HOURS.
*SECTIONS 2, 4, 6 AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN 1, 3, 5, OR 7.
*SECTION 69 IS OFFERED IN THE SPECIAL INTEREST OF AND LIMITED TO JAMES SCHOLARS, HONOR CANDIDATES, AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

07012	LECT	*1	11	MTUWTH	31	PSYCH BLD	SHAW	
07008	LECT	*2	11	MTUWTH	31	PSYCH BLD	SHAW	
07013	LECT	*3	3-5	TU TH	32	PSYCH BLD	CAMPIONE	

PSYCH 235 CONTINUED

07009	LECT	*4	3-5	TU TH	32	PSYCH BLD	CAMPIONE
07014	LECT	*5	11	MTUWTH	32	PSYCH BLD	HALFF
07010	LECT	*6	11	MTUWTH	32	PSYCH BLD	HALFF
07015	LECT	*7	3-5	TU TH	31	PSYCH BLD	GILMORE
07011	LECT	*8	3-5	TU TH	31	PSYCH BLD	GILMORE
07007	LECT	*9	11	MTUWTH	207	PSYCH BLD	LEWIS & JONES

PSYCH 245 INDUSTRIAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 100, 103, OR 105; A COURSE IN STATISTICS.
3 HOURS.

07016	LECT	9	M W F	32	PSYCH BLD	HULIN

PSYCH 246 VERTEBRATE SOCIAL ORGANIZATION.
SAME AS ANTH., SOC., AND ZOOL. 246
PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.
3 HOURS.

07017	LECT	10	M W F	202	H H	

PSYCH 248 LEARNING.
PREREQUISITE: PSYCH. 100, 103, OR 105; CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
3 HOURS.
SECTIONS 2 AND 4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1 OR 3.

07020	LECT	*1	10	M W F	23	PSYCH BLD	LIEBERMAN
07018	LECT	*2	10	M W F	23	PSYCH BLD	LIEBERMAN
07021	LECT	*3	9	M W F	23	PSYCH BLD	ADAMS
07019	LECT	*4	9	M W F	23	PSYCH BLD	ADAMS

PSYCH 250 PSYCHOLOGY OF PERSONALITY.
PREREQUISITE: PSYCH. 100, 103, OR 105.
*CREDIT IS NOT GIVEN FOR BOTH PSYCH. 150 AND 250.
*3 HOURS.
SECTION &E IS OFFERED IN THE SPECIAL INTEREST OF, AND IS LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES, AND STUDENTS WHOSE GRADE POINT AVERAGE IS 4.25 OR BETTER.

07022	LECT	A	9	M W F	100	G H	CLORE, COLES
07023	LECT	B	10	M W F	66	LIB	N. WIGGINS AND
07024	LECT	C	11	M W F	101	ARMORY	J. WIGGINS
07025	LECT	D	1	M W F	101	ARMORY	
07026	LECT	&E	10	M W F	29	PSYCH BLD	JONIETZ

PSYCH 291 HONORS, I.
PREREQUISITE: JUNIOR STANDING; CONSENT OF INSTRUCTOR.
2 TO 4 HOURS.

07027	LECT-DISC	&	ARR				

PSYCH 293 INDIVIDUAL TOPICS.
PREREQUISITE: TEN HOURS OF PSYCHOLOGY; A GRADE POINT AVERAGE OF 4.0; WRITTEN CONSENT OF INSTRUCTOR; IN EXCEPTIONAL CASES, UPON RECOMMENDATION OF THE INSTRUCTOR AND APPROVAL BY THE HEAD OF THE DEPARTMENT, STUDENTS MAY BE ADMITTED WITH A GRADE-POINT AVERAGE OF 3.75.
2 TO 4 HOURS.
MAY BE REPEATED.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IN ARBITRARY EXCEPT FOR SECTIONS IDENTIFIED WITH NAMES.

07028	CONF	A	9	M W F	21	PSYCH BLD	J. COHEN
07029	CONF	B	ARR				THINKING
07030	CONF	C	ARR				KIRK
07031	CONF	D	ARR				

PSYCH 307 QUANTITATIVE METHODS, II.
PREREQUISITE: PSYCH. 306.
4 HOURS OR 1 UNIT.
*ADDITIONAL HOURS TO BE ARRANGED.

07032	LAB-DISC	A	*10-12	TU TH	17	PSYCH BLD	TUCKER
07033	LAB-DISC	B	*2-4	M W	32	PSYCH BLD	LEWIS

PSYCH 311 LABORATORY IN PHYSIOLOGICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 211 AND CONSENT OF INSTRUCTOR OR THE ACADEMIC COUNSELOR OF THE DEPARTMENT OF PSYCHOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1.
*ADDITIONAL HOURS TO BE ARRANGED.

07035	LAB-DISC	*1	11	TU TH	29	PSYCH BLD	MEAD
		*1	ARR				
07034	LAB-DISC	*2	11	TU TH	29	PSYCH BLD	
		*2	ARR				

PSYCH 326 MOTIVATION AND EMOTION.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT.

07036	LECT		10	M W F	192	L H	J. COHEN

PSYCH 331 EXPERIMENTAL PSYCHOLOGY, II.
PREREQUISITE: PSYCH. 248 AND A KNOWLEDGE OF STATISTICS EQUIVALENT TO THAT FROM PSYCH. 235.
4 HOURS OR 1/2 UNIT.
*SECTIONS 2, 4, 6, AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR 1, 3, 5, OR 7.

07041	LAB-DISC	*1	9	TU TH	17	PSYCH BLD	MONTAGUE
		*1	10-12	M W	289	PSYCH BLD	
07037	LAB-DISC	*2	9	TU TH	17	PSYCH BLD	
		*2	10-12	M W	289	PSYCH BLD	
07042	LAB-DISC	*3	9	TU TH	17	PSYCH BLD	
		*3	1-3	M W	289	PSYCH BLD	
07038	LAB-DISC	*4	9	TU TH	17	PSYCH BLD	
		*4	1-3	M W	289	PSYCH BLD	
07043	LAB-DISC	*5	9	TU TH	17	PSYCH BLD	
		*5	10-12	TU TH	289	PSYCH BLD	
07039	LAB-DISC	*6	9	TU TH	17	PSYCH BLD	
		*6	10-12	TU TH	289	PSYCH BLD	
07044	LAB-DISC	*7	9	TU TH	17	PSYCH BLD	
		*7	1-3	TU TH	289	PSYCH BLD	
07040	LAB-DISC	*8	9	TU TH	17	PSYCH BLD	
		*8	1-3	TU TH	289	PSYCH BLD	

PSYCH 332 RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
SAME AS SOC. 332.
PREREQUISITE: PSYCH. 201 OR SOC. 201; SOC. 184 AND 185 OR A KNOWLEDGE OF STATISTICS EQUIVALENT TO THAT FROM PSYCH. 235.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS A2, A4, A6, A8, B2 AND B4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER FOR A1, A3, A5, A7, B1 OR B3.

07051	LAB-DISC	*A1	1	TU TH	17	PSYCH BLD	S. WEIDEMAN
		*A1	8-10	M W	151	PSYCH BLD	
07045	LAB-DISC	*A2	1	TU TH	17	PSYCH BLD	
		*A2	8-10	M W	151	PSYCH BLD	
07052	LAB-DISC	*A3	1	TU TH	17	PSYCH BLD	
		*A3	10-12	M W	151	PSYCH BLD	
07046	LAB-DISC	*A4	1	TU TH	17	PSYCH BLD	
		*A4	10-12	M W	151	PSYCH BLD	
07053	LAB-DISC	*A5	1	TU TH	17	PSYCH BLD	
		*A5	8-10	TU TH	151	PSYCH BLD	
07047	LAB-DISC	*A6	1	TU TH	17	PSYCH BLD	
		*A6	8-10	TU TH	151	PSYCH BLD	
07054	LAB-DISC	*A7	1	TU TH	17	PSYCH BLD	
		*A7	10-12	TU TH	151	PSYCH BLD	
07048	LAB-DISC	*A8	1	TU TH	17	PSYCH BLD	
		*A8	10-12	TU TH	151	PSYCH BLD	
07055	LAB-DISC	*B1	11	TU TH	21	PSYCH BLD	S. WEIDEMAN
		*B1	1-3	M W	151	PSYCH BLD	
07049	LAB-DISC	*B2	11	TU TH	21	PSYCH BLD	
		*B2	1-3	M W	151	PSYCH BLD	
07056	LAB-DISC	*B3	11	TU TH	21	PSYCH BLD	
		*B3	1-3	TU TH	151	PSYCH BLD	
07050	LAB-DISC	*B4	11	TU TH	21	PSYCH BLD	
		*B4	1-3	TU TH	151	PSYCH BLD	

PSYCH 338 ABNORMAL PSYCHOLOGY.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY, JUNIOR STANDING EXCEPT FOR THOSE IN THE PREMEDICAL CURRICULUM WHO MAY TAKE THE COURSE AS SECOND SEMESTER SOPHOMORES WITH FOUR HOURS OF PSYCHOLOGY.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION &E IS OFFERED IN THE SPECIAL INTEREST OF AND IS LIMITED TO AND ARE LIMITED TO JAMES SCHOLARS, HONORS CANDIDATES AND STUDENTS WHOSE GRADE-POINT AVERAGE IS 4.25 OR BETTER.

07057	LECT	A	1	M W F	100	G H		COSTIN
07058	LECT	B	1-220	TU TH	314	A H		ULLMAN
07059	LECT	C	10	M W F	116	E C		D. PETERSON
07060	LECT	D	2	M W F	66	LIB		GOLDING
07061	LECT	*&E	10	M W F	207	PSYCH BLD		WAGMAN

PSYCH 339 COMMUNITY PSYCHOLOGY.
PREREQUISITE: SOPHOMORE STANDING; PSYCH. 100, 103, OR 105.
3 HOURS, OR 1/2 OR 1 UNIT.

07062	LECT		1	M W F	119	M M B		SEIDMAN

PSYCH 345 COMPARATIVE PSYCHOLOGY.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY, OR PSYCH. 100, 103, OR 105 AND A COURSE IN ZOOLOGY.
4 HOURS, OR 1/2 OR 1 UNIT.
*SECTIONS 2 AND 4 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION 1 OR 3.

07065	LAB-DISC	*1	9	TU TH	13	PSYCH BLD		HIRSCH
		*1	1-3	M W	275	PSYCH BLD		
07063	LAB-DISC	*2	9	TU TH	13	PSYCH BLD		
		*2	1-3	M W	275	PSYCH BLD		
07066	LAB-DISC	*3	9	TU TH	13	PSYCH BLD		
		*3	10-12	M W	275	PSYCH BLD		
07064	LAB-DISC	*4	9	TU TH	13	PSYCH BLD		
		*4	10-12	M W	275	PSYCH BLD		

PSYCH 348 THEORIES OF LEARNING
PREREQUISITE: PSYCH. 248 OR EDPSY. 211.
3 HOURS, OR 1/2 OR 1 UNIT.

07067	LECT	A	2	M W F	21	PSYCH BLD		LIEBERMAN
07068	LECT	B	10	M W F	31	PSYCH BLD		D. MCGRATH

PSYCH 350 RESEARCH AND THEORY IN PERSONALITY.
PREREQUISITE: PSYCH. 100, 103, OR 105; PSYCH. 235 OR EQUIVALENT.
*GRADUATE CREDIT IS NOT ALLOWED FOR BOTH PSYCH. 350 AND 441.
*3 HOURS, OR 1/2 OR 1 UNIT.

07069	LECT		1	M W F	31	PSYCH BLD		CLORE

PSYCH 351 ADVANCED SOCIAL PSYCHOLOGY.
SAME AS COMM. 351 AND SOC. 351.
PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385 OR A COMPARABLE STATISTICS COURSE.
3 HOURS, OR 1/2 OR 1 UNIT.

07070	LECT		9	M W F	29	PSYCH BLD		LAUGHLIN

PSYCH 355 INDUSTRIAL SOCIAL PSYCHOLOGY.
SAME AS L.I.R. 355.
PREREQUISITE: PSYCH. 201 OR 357.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHERS REGISTER IN SECTION 1. LIR MAJORS SEE LIR 355.

07072	LECT	*1	2	M W F	29	PSYCH BLD		HOEL
07071	LECT	*2	2	M W F	29	PSYCH BLD		

PSYCH 356 HUMAN FACTORS IN SYSTEM DESIGN.
PREREQUISITE: PSYCH. 258; ONE COURSE IN STATISTICS OR EQUIVALENT.
3 HOURS OR 1 UNIT.

07073	LECT		3-420	TU TH	21	PSYCH BLD		WILLIGES

PSYCH 357 PSYCHOLOGY OF INDUSTRIAL CONFLICT.
SAME AS L.I.R. 357.
PREREQUISITE: PSYCH. 100 OR EQUIVALENT.
*NO CREDIT IS GIVEN FOR UNDERGRADUATE MAJORS IN PSYCHOLOGY.
*3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHERS REGISTER IN SECTION 1. LIR MAJORS SEE LIR 357.

07075	LECT	*1	10	M W F	13	PSYCH BLD		HOEL
07074	LECT	*2	10	M W F	13	PSYCH BLD		HOEL

PSYCH 359 SOCIAL PSYCHOLOGY OF ORGANIZATION.
SAME AS SOC. 359.
PREREQUISITE--PSYCH. 355 OR SOC. 322.
3 HOURS OR 1 UNIT.

07076	LECT		10-1130	M W		ARR	

PSYCH 360 MODERN VIEWPOINTS IN PSYCHOLOGY.
PREREQUISITE: SENIOR STANDING, 9 HOURS OF PSYCHOLOGY WITH AN AVERAGE GRADE OF B, WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

07077	LECT		11	M W F	29	PSYCH BLD	WOLL

PSYCH 390 PSYCHOLOGICAL TESTS AND MEASUREMENTS.
PREREQUISITE: A KNOWLEDGE OF STATISTICS EQUIVALENT TO THAT FROM PSYCH. 235.
4 HOURS OR 1 UNIT.
*SECTIONS 2, 4, 6 AND 8 ARE FOR PSYCHOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS 1, 3, 5 OR 7.
*ENROLLMENT IN SECTION 9 IS BY CONSENT OF INSTRUCTOR ONLY.

07093	LAB-DISC	*1	1	TU TH	32	PSYCH BLD	
		*1	9-11	TU TH	207	PSYCH BLD	
07079	LAB-DISC	*2	1	TU TH	32	PSYCH BLD	
		*2	9-11	TU TH	207	PSYCH BLD	
07094	LAB-DISC	*3	1	TU TH	32	PSYCH BLD	
		*3	1-3	M W	207	PSYCH BLD	
07080	LAB-DISC	*4	1	TU TH	32	PSYCH BLD	
		*4	1-3	M W	207	PSYCH BLD	
07085	LAB-DISC	*5	1	TU TH	32	PSYCH BLD	
		*5	3-5	M W	207	PSYCH BLD	
07081	LAB-DISC	*6	1	TU TH	32	PSYCH BLD	
		*6	3-5	M W	207	PSYCH BLD	
07086	LAB-DISC	*7	1	TU TH	32	PSYCH BLD	
		*7	3-5	TU TH	207	PSYCH BLD	
07082	LAB-DISC	*8	1	TU TH	32	PSYCH BLD	
		*8	3-5	TU TH	207	PSYCH BLD	
07078	LAB-DISC	*9	3-5	W F	29	PSYCH BLD	KIRK

NOTE: THE PREREQUISITES STATED BELOW APPLY TO GRADUATE MAJORS IN PSYCHOLOGY. STUDENTS MINORING IN PSYCHOLOGY MAY, BY SPECIAL PERMISSION OF INSTRUCTORS, ENROLL IN CERTAIN OF THESE COURSES WITHOUT HAVING MET ALL OF THE PREREQUISITES.

PSYCH 414 EXPERIMENTAL PERSONALITY RESEARCH.
PREREQUISITE: PSYCH. 307 AND 404; CONSENT OF INSTRUCTOR.
1 UNIT.

07087	LECT		10-12	TH	708	PSYCH BLD	COLES
	LAB		ARR				

PSYCH 415 EXPERIMENTAL SENSORY PSYCHOLOGY.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING A LABORATORY COURSE IN EXPERIMENTAL PSYCHOLOGY.
1 UNIT.

07088	LECT		9-11	W	508	PSYCH BLD	TRAHIOTIS
	LAB		ARR				

PSYCH 418 EXPERIMENTAL PSYCHOLOGY OF LEARNING, II: HUMAN LEARNING.
PREREQUISITE: 12 HOURS OF PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
1 UNIT.
SECTION 2 IS FOR PSYCHOLOGY MAJORS ONLY. ALL OTHERS REGISTER IN SECTION 1.

07090	LECT	*1	1-3	TH	13	PSYCH BLD	ADAMS
	LAB	*1	ARR				
07089	LECT	*2	1-3	TH	13	PSYCH BLD	ADAMS
	LAB	*2	ARR				

PSYCH 424 DEVELOPMENTAL PSYCHOLINGUISTICS.
SAME AS COMM. AND LING. 424.
PREREQUISITE: LING. 325 OR EQUIVALENT PREPARATION.
1 UNIT.

07091	LECT-DISC	A	ARR				BREWER

PSYCH 426 RESEARCH SEMINAR IN PSYCHOLINGUISTICS.
SAME AS LING. AND COMM. 426.
PREREQUISITE: PSYCH. 425, CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

07092	LECT		2-4	W	508	PSYCH BLD	BREWER

PSYCH 428 HIGHER PROCESSES.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY, INCLUDING A LABORATORY COURSE IN EXPERIMENTAL PSYCHOLOGY.
1 UNIT.

07093	LECT		10-12	F	27	PSYCH BLD	DULANY

PSYCH 431 PSYCHOLOGICAL MEASUREMENT IN INDUSTRY.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT.
1 UNIT.

07094	LECT		1-3	W	608	PSYCH BLD	HULIN

PSYCH 436 MATHEMATICAL MODELS IN PSYCHOLOGY.
PREREQUISITE: ONE YEAR OF CALCULUS, PSYCH. 306 AND 307; OR CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

07095	LECT		1-220	TU TH	508	PSYCH BLD	HALFF

PSYCH 439 INTRODUCTION TO CLINICAL PSYCHOLOGY, II.
PREREQUISITE: PSYCH. 438.
1 UNIT.

07096	LECT		9-11	TH	21	PSYCH BLD	PETERSON AND GOLDING

PSYCH 442 BEHAVIOR DISORDERS.
PREREQUISITE: PSYCH. 338 AND 440; CONSENT OF INSTRUCTOR.
1/2 UNIT.

07097	LECT		9-11	TU	21	PSYCH BLD	ULLMAN

PSYCH 444 PSYCHODIAGNOSTICS, II.
PREREQUISITE: PSYCH. 443, CONSENT OF INSTRUCTOR.
1 UNIT.

07098	LECT		8-12	TU	26	C R C	SHANNON/MARCUM

PSYCH 446 LABORATORIES IN CLINICAL PSYCHOLOGY.
PREREQUISITE: PSYCH. 445.
1/2 TO 1 UNIT.
*SECTION K IS THE SECOND SEMESTER OF A TWO SEMESTER SEQUENCE CONCERNED WITH INTEGRITY GROUPS; 1 UNIT. ONLY PREREQUISITE FOR SECTION K IS THE CONSENT OF THE INSTRUCTOR.
SECTION K MAY BE TAKEN AS A 493 SEMINAR BY GRADUATE STUDENTS IN OTHER DEPARTMENTS.

07099	LAB	A	ARR		26	C R C	
07100	LAB	B	ARR		26	C R C	BERNSTEIN
07101	LAB	C	ARR		26	C R C	RAPPAPORT
07102	LAB	D	ARR		26	C R C	SEIDMAN
07103	LAB	E	ARR		26	C R C	SHANNON
07104	LAB	F	ARR		26	C R C	
07105	LAB	G	ARR		26	C R C	GILBERT
07106	LAB	H	ARR		26	C R C	
07107	LAB	J	ARR		26	C R C	
07110	LAB	*K	12-2	M	815	PSYCH BLD	MOWRER
07108	LAB	L	ARR		26	C R C	
07109	LAB	M	ARR		26	C R C	

PSYCH 447 INTERNSHIP.
PREREQUISITE: CONSENT OF INSTRUCTOR.
0 TO 4 UNITS.

07111	LAB		ARR		26	C R C	

PSYCH 449 MEDICINE IN CLINICAL PSYCHOLOGY.
PREREQUISITE: SECOND YEAR GRADUATE STANDING IN CLINICAL PSYCHOLOGY OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

07112	LECT-DISC		10-12	W	26	C R C	SLEATER AND SPRAGUE

PSYCH 456 PSYCHOLOGY OF SOCIAL COMMUNICATION.
SAME AS COMM. 456.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
1 UNIT.

07113	LECT		1-3	TH	608	PSYCH BLD	FISHBEIN

PSYCH 458 GROUP DYNAMICS.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, INCLUDING PSYCH. 351 OR EQUIVALENT.
1 UNIT.

07114	LECT	1-3	TU	608	PSYCH BLD	

PSYCH 462 HUMAN ABILITIES.
PREREQUISITE: PSYCH. 307 OR EQUIVALENT.
1 UNIT.

07115	LECT	1-3	W	708	PSYCH BLD	HUMPHREYS

PSYCH 463 RESEARCH METHODS IN CLINICAL PSYCHOLOGY AND PERSONALITY, I.
PREREQUISITE: PSYCH. 306, 403.
1/2 UNIT.

07116	LECT	10-12	TH	13	PSYCH BLD	BERNSTEIN

PSYCH 464 SOCIAL PERCEPTION.
PREREQUISITE: PSYCH. 351 OR EQUIVALENT.
1 UNIT.

07117	LECT	3-5	TU	506	PSYCH BLD	TRIANDIS

PSYCH 465 LEARNING IN CHILDREN.
PREREQUISITE: TWELVE HOURS OF PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1 UNIT.

07118	LECT	3-5	W	21	PSYCH BLD	GOULET

PSYCH 468 CONTEMPORARY BEHAVIOR THEORY.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY, CONSENT OF INSTRUCTOR.
1 UNIT.

07119	LECT	1-3	M	508	PSYCH BLD	MAIER

PSYCH 490 INDIVIDUAL RESEARCH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE SELECTION IS ARBITRARY, EXCEPT FOR SECTIONS IDENTIFIED WITH NAMES.

07120	LECT	A	ARR			DAVIS
07121	LECT	B	ARR			
07122	LECT	C	ARR			
07123	LECT	D	ARR			
07124	LECT	E	ARR			
07125	LECT	F	ARR			
07126	LECT	G	ARR			
07127	LECT	H	ARR			
07128	LECT	J	ARR			
07129	LECT	K	ARR			
07130	LECT	L	ARR			

PSYCH 493 SEMINAR.
PREREQUISITE: SIX UNITS OF GRADUATE CREDIT IN PSYCHOLOGY; CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.
STUDENTS ENROLLING FOR MORE THAN ONE TOPIC MUST SELECT A SEPARATE SECTION FOR EACH TOPIC. THE TOPICS FOR THE VARIOUS SECTIONS WILL BE POSTED NEARBY ROOM 305 PSYCHOLOGY BUILDING.

07131	LECT	A	ARR			MOWRER
07132	LECT	B	ARR			LEWIS
07133	LECT	C	ARR			L. COHEN
07134	LECT	D	ARR			PROGRAMMING
07135	LECT	E	ARR			ERIKSEN
07136	LECT	F	ARR			JONES
07137	LECT	G	730-930PM	TH	APR	GRIMM
07138	LECT	H	ARR			HIRSCH
07139	LECT	J	ARR			
07140	LECT	K	ARR			
07141	LECT	L	ARR			LAUGHLIN
07142	LECT	M	ARR			
07143	LECT	N	ARR			
07144	LECT	O	ARR			
07145	LECT	P	ARR			DONCHIN
07146	LECT	Q	ARR			

PSYCH 493 CONTINUED

07147	LECT	P	ARR					
07148	LECT	S	ARR					
07149	LECT	T	ARR					TATSUOKA
07150	LECT	V	11	W F	508	PSYCH BLD		WAGMAN
07151	LECT	W	ARR					
07152	LECT	X	ARR					
07153	LECT	Y	ARR					
07154	LECT	Z	ARR					

PSYCH 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
SAME AS ED. PSY. AND SOC. 494.
PREREQUISITE: PSYCH. 307 OR ED. PSY. 496. CONSENT OF INSTRUCTOR.
1 UNIT.

07155	LECT	1-3	TU	2	EDUC	

PSYCH 495 THEORY OF MEASUREMENT.
SAME AS ED. PSY. 495.
PREREQUISITE: ED. PSY. 496 OR PSYCH. 307 OR EQUIVALENT.
ED. PSY. 392 OR PSYCH. 390 OR EQUIVALENT.
1 UNIT.

07156	LECT-DISC	3-5	M W	150	ARMORY

PSYCH 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A IS FOR M.A. THESIS. SECTION B IS FOR PH. D. THESIS.

07157	LECT	*A	ARR			
07158	LECT	*B	ARR			

RADIO AND TELEVISION

DEPARTMENT OFFICE 1218 G H

R TV 252 TELEVISION LABORATORY.
PREREQUISITE: CONSENT OF DEPARTMENT.
3 HOURS.
*LECTURE A1 AND LAB SECTIONS B1 AND L1 ARE FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN LECTURE A2 AND LAB SECTIONS B2 AND L2.

07159	LECT	*A1	8	M	225	G H	
07162	LECT	*A2	8	M	225	G H	
07160	LAB	*B1	8-10	W F		B TV BLDG	
07163	LAB	*B2	8-10	W F		B TV BLDG	
07161	LAB	*L1	8-10	TU TH		B TV BLDG	
07164	LAB	*L2	8-10	TU TH		B TV BLDG	

R TV 261 PRINCIPLES OF RADIO AND TELEVISION BROADCASTING.
PREREQUISITE: JUNIOR STANDING.
2 HOURS.

07165	LECT	10	TU TH	100	G H		WELCH

R TV 263 RADIO AND TELEVISION ANNOUNCING.
PREREQUISITE: CONSENT OF DEPARTMENT.
2 HOURS.

07166	LECT-DISC	1-3	TU TH	233	G H

R TV 267 RADIO PRODUCTION AND DIRECTION.
PREREQUISITE: CONSENT OF DEPARTMENT.
3 HOURS.

07167	LECT	1	M	233	G H
	LAB	1-3	W F	233	G H

R TV 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS THEAT. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

07168	LECT-DISC	F	12	W	B ENSEMBLE KRAN		AULETTA
		F	1	W F	B ENSEMBLE KRAN		
07169	LECT-DISC	R	1	TU TH	B ENSEMBLE KRAN		AULETTA
		R	2	TU	B ENSEMBLE KRAN		

R TV 291 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF DEPARTMENT.
2 OR 3 HOURS.

07170	CONF		ARR			121B G H		WELCH & STAFF

R TV 354 TELEVISION DIRECTING.
PREREQUISITE: R. TV. 252 AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.
*SECTION B1 IS FOR RADIO AND TELEVISION MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B2.

07171	LAB-DISC	*B1	9	M		225 G H		
		*B1	8-10		W F	A TV BLDG		
07172	LAB-DISC	*B2	9	M		225 G H		
		*B2	8-10		W F	A TV BLDG		

R TV 355 TELEVISION NEWS.
PREREQUISITE: CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

07173	LECT-DISC		10	M		225 G H		LIPPOLD
	LAB		10-12		W F	225 G H		

R TV 356 CINEMATOGRAPHY FOR TELEVISION.
PREREQUISITE: CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

07174	LECT	M	9-11	TU		501 S WRIGHT		HALL
	LAB	M	8-11		TH	501 S WRIGHT		
07175	LECT	R	1-3	TU		501 S WRIGHT		HALL
	LAB	R	1-4		TH	501 S WRIGHT		

R TV 357 BROADCAST CONTINUITY WRITING.
PREREQUISITE: CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

07176	LECT-DISC		1	M W F		225 G H		LIPPOLD

R TV 362 RADIO AND TELEVISION STATION MANAGEMENT.
PREREQUISITE: R. TV. 261. SENIOR STANDING. AND CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

07177	LECT-DISC		9	TU TH		225 G H		MULLALLY

R TV 363 ADVANCED DRAMATIC WRITING.
SAME AS SPCH. 363 AND THEAT. 380.
PREREQUISITE: SPCH. 263. CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.
*3 HOURS. OR 1/2 OR 1 UNIT.

07178	LECT-DISC		3-6	W		CONF RM KRAN		AULETTA

R TV 365 RADIO NEWS.
PREREQUISITE: JOURN. 211 AND CONSENT OF DEPARTMENT.
3 HOURS OR 1/2 UNIT.

07179	LECT		2	M		225 G H		CRAMER
07180	LAB	A	2-4		W F	225 G H		CRAMER
07181	LAB	B	2-4	TU TH		225 G H		CRAMER

R TV 366 ADVANCED RADIO AND TELEVISION PRACTICES. I.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION AND CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

07182	CONF	A	ARR					
07183	CONF	B	ARR					CRAMER
07184	CONF	C	ARR					DOUGLASS
07185	CONF	D	ARR					HALL
07186	CONF	E	ARR					LIPPOLD
07187	CONF	F	ARR					MULLALLY

R TV 367 ADVANCED RADIO AND TELEVISION PRACTICES. II.
PREREQUISITE: ALL COURSES IN AREA OF SPECIALIZATION. CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

07188	CONF	A	ARR					
07189	CONF	B	ARR					CRAMER
07190	CONF	C	ARR					DOUGLAS
07191	CONF	D	ARR					HALL
07192	CONF	E	ARR					LIPPOLD
07193	CONF	F	ARR					MULLALLY

R TV 368 RADIO AND TELEVISION REGULATIONS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF DEPARTMENT.
2 HOURS OR 1/2 UNIT.

07194	LECT-DISC		10	TU TH	215	G H		DOUGLASS

R TV 450 SPECIAL PROBLEMS IN TELEVISION.
PREREQUISITE: A TELEVISION COURSE IN THE AREA OF SPECIALIZATION, AND CONSENT OF DEPARTMENT.
1/2 TO 3 UNITS.

07195	CONF	A	ARR					
07196	CONF	B	ARR					CRAMER
07197	CONF	C	ARR					DOUGLASS
07198	CONF	D	ARR					HALL
07199	CONF	E	ARR					LIPPOLD
07200	CONF	F	ARR					MULLALLY
07201	CONF	G	ARR					WELCH

R TV 451 TELEVISION PROGRAM MANAGEMENT AND PRODUCTION.
PREREQUISITE: COURSE OR EXPERIENCE IN TELEVISION DIRECTING AND PRODUCTION AND CONSENT OF DEPARTMENT.
1 UNIT.

07202	LECT-DISC		2	TU TH	215	G H		WELCH

R TV 462 SEMINAR IN RADIO AND TELEVISION.
SAME AS COMM. 462.
PREREQUISITE: CONSENT OF DEPARTMENT.
1 UNIT.

07203	LECT-DISC		3-5	M	123	G H		DOUGLASS

R TV 463 WORLD BROADCASTING.
SAME AS COMM. 463.
PREREQUISITE: R. TV. 462 OR CONSENT OF INSTRUCTOR.
1 UNIT.

07204	LECT-DISC		3-5	W	304	G H		DOUGLASS

R TV 490 SPECIAL TOPICS IN RADIO AND TELEVISION.
PREREQUISITE: CONSENT OF DEPARTMENT.
1/2 OR 1 UNIT.

07205	CONF	A	ARR					WELCH
07206	CONF	B	7-9PM	W	225	G H		MULLALLY

R TV 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN RADIO AND TELEVISION.
1 OR 2 UNITS.

07207	CONF		ARR					WELCH

DEPARTMENT OFFICE 104 HUFF GYM

REC 100 LEISURE: ITS USES AND RESOURCES.
4 HOURS.

07208	LECT-DISC		11	M W F	349	ARMORY	LOWREY
	LAB		3-5	TU	ARR		LOWREY

REC 110 THEORIES AND METHODS OF LEADERSHIP.
PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

07209	LECT-DISC	N	10	TU TH	154	ARMORY	GERSTENBERGER
	LAB	N	11-1	W	362	ARMORY	GERSTENBERGER
07210	LECT-DISC	P	11	TU TH	154	ARMORY	GERSTENBERGER
	LAB	P	11-1	W	362	ARMORY	GERSTENBERGER

REC 140 PRINCIPLES OF CAMPING.
3 HOURS.
*INCLUDES FIVE PRACTICAL CAMPING SESSIONS WITH BOYS AND GIRLS, 8.30 A.M. TO 12.00 NOON SATURDAYS, APRIL AND MAY.

07211	LECT-DISC	830-10	TU TH	154	ARMORY	WARDER

REC 180 FIELD EXPERIENCE, I.
PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.
0 TO 1 HOUR.

07212	LAB-DISC	1-3	TU	154	ARMORY	GARRET

REC 181 FIELD EXPERIENCE, II.
PREREQUISITE: ONE YEAR OF WORK IN THE RECREATION CURRICULUM OR CONSENT OF INSTRUCTOR.
0 TO 1 HOUR.

07213	LAB-DISC	1-3	TU	154	ARMORY	GARRET

REC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: THE INNER CITY.
SECTION B TOPIC: PLAY THEORIES AND THEIR IMPLICATIONS.

07214	LECT-DISC	A	7-10PM	TH	154	ARMORY	BANKS
07215	LECT-DISC	B	9-11	W	134	ARMORY	ELLIS

REC 200 OBSERVATION TRIP.
PREREQUISITE: MAJOR OR MINOR IN RECREATION.
0 CREDIT.
ESTIMATED COST $20.00.

07216	LAB	ARR		WEAVER- GERSTENBERGER

REC 210 THEORIES AND METHODS OF SUPERVISION.
PREREQUISITE: REC. 180 AND 181, OR CONSENT OF INSTRUCTOR.
3 HOURS.
MEETS SECOND EIGHT WEEKS.

07217	LECT-DISC	9-11	M W F	349	ARMORY	LOWREY

REC 215 RECREATION PROGRAM DEVELOPMENT.
PREREQUISITE: REC. 100 AND 200, OR CONSENT OF INSTRUCTOR.
3 HOURS.

07218	LECT-DISC	10	M W F	154	ARMORY	OLSON

REC 230 INTRODUCTION TO THERAPEUTIC RECREATION.
PREREQUISITE: REC. 100, 110, AND 180, OR CONSENT OF INSTRUCTOR.
3 HOURS.
MEETS FIRST EIGHT WEEKS.

07219	LECT-DISC	9-11	M W F	349	ARMORY	BANKS

REC 240 INTRODUCTION TO OUTDOOR EDUCATION AND RECREATION.
PREREQUISITE: REC. 100 OR CONSENT OF INSTRUCTOR.
3 HOURS.

07220	LECT-DISC	3-5	TU TH	211	H G	WEAVER

REC 250 SPECIAL PROBLEMS.
PREREQUISITE: JUNIOR OR SENIOR STANDING; MINIMUM GRADE POINT AVERAGE OF 3.5; CONSENT OF FACULTY ADVISOR AND INSTRUCTOR. APPROVAL OF DEPARTMENT HEAD.
*MAY BE REPEATED FOR A TOTAL OF 4 OR 6 HOURS OF CREDIT.
*2 OR 3 HOURS.

07221	CONF	ARR				STAFF

REC 260 HONORS SEMINAR.
SAME AS H. ED., P. E. W., AND P. E. M. 260.
PREREQUISITE: JAMES SCHOLAR OR GRADE-POINT AVERAGE OF 4.0 THE PRECEDING SEMESTER; CONSENT OF FACULTY ADVISER, INSTRUCTOR AND HEAD OF DEPARTMENT.
*MAY BE REPEATED FOR A TOTAL OF 6 HOURS CREDIT.
*2 HOURS.
SECTION &X1 TOPIC: CURRENT PROBLEMS IN PHYSICAL EDUCATION.
SECTION &X2 TOPIC: SEMINAR IN PERCEPTUAL MOTOR LEARNING.

07222	LECT-DISC *&X1	7-9PM	W	350A FREER GYM		GARRET
07223	LECT-DISC *&X2	7-9PM	W	207B FREER GYM		

REC 272 ORGANIZATION OF AQUATIC PROGRAMS.
SAME AS P. E. M. AND P. E. W. 272.
2 HOURS.

07224	LECT-DISC 6	9	TU TH	243	ARMORY	

REC 280 PRE-PRACTICUM SEMINAR.
PREREQUISITE: REC. 181; JUNIOR STANDING AND CONSENT OF THE SUPERVISOR OF FIELD TRAINING.
0 CREDIT.

07225	CONF	1-3	TH	154	ARMORY	GARRET

REC 281 PROFESSIONAL FIELD PRACTICUM.
PREREQUISITE: REC. 280.
4 HOURS.

07226	LAB	ARR				GARRET

REC 310 INTRODUCTION TO ADMINISTRATION.
PREREQUISITE: REC. 100 AND ADVANCED UNDERGRADUATE STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

07227	LECT-DISC A	8-930	M W	154	ARMORY	PEZOLDT-MILLER
07228	LECT-DISC B	930-11	M W	250	ARMORY	

REC 320 PARK MANAGEMENT.
PREREQUISITE: OPEN TO SENIOR RECREATION MAJORS, OR CONSENT OF INSTRUCTOR; THE FOLLOWING RECREATION COURSES OR EQUIVALENT MUST BE COMPLETED: L. A. 226, U. P. 171, POL. S. 305, REC. 280 AND 281.
3 HOURS, OR 1/2 OR 1 UNIT.
4 TO 5 MANDATORY FIELD TRIPS ON FRIDAYS DURING THE SEMESTER.

07229	LECT-DISC	7-10PM	M	154	ARMORY	VAN METER

REC 402 RECREATION ADMINISTRATION.
PREREQUISITE: BASIC COURSES IN THE ORGANIZATION OF RECREATION OR EQUIVALENT.
1 UNIT.

07230	LECT-DISC	9-12	M	431	ARMORY	BANNON

REC 403 EVALUATION OF RECREATION RESOURCES AND PROGRAMS.
PREREQUISITE: REC 100 OR 310, OR EQUIVALENT.
1 UNIT.

07231	LECT-DISC	2-4	TU TH	331	ARMORY	BISHOP

REC 404 OUTDOOR EDUCATION AND RECREATION.
PREREQUISITE: REC. 140 OR EQUIVALENT, ONE UNDERGRADUATE COURSE IN ANY ONE OF THE FOLLOWING: BIOLOGY, BOTANY, GEOLOGY, OR ZOOLOGY.
1 UNIT.

07232	LECT-DISC	3-5	M W	211	H G	WEAVER

REC 490 SEMINAR.
0 CREDIT.

07233	CONF	9-11	F	152	ARMORY	SAPORA

REC 493 SPECIAL PROJECTS.
PREREQUISITE: REC. 403 OR EQUIVALENT, RECREATION MAJOR.
1/2 TO 2 UNITS.
07234 CONF ARR STAFF

REC 499 THESIS RESEARCH.
0 TO 4 UNITS.
07235 CONF ARR STAFF

RELIGIOUS STUDIES

DEPARTMENT OFFICE 4016 F L B

THE INTERDEPARTMENTAL PROGRAM IN RELIGIOUS STUDIES IS SPONSORED BY THE COLLEGE OF LIBERAL ARTS AND SCIENCES AND THE DEPARTMENTS OF ANTHROPOLOGY, CLASSICS, HISTORY, PHILOSOPHY, AND SOCIOLOGY. THE DIRECTOR OF THE PROGRAM IS PROFESSOR WILLIAM R. SCHOEDEL OF THE DEPARTMENT OF THE CLASSICS, 361 LINCOLN HALL. STUDENTS WISHING TO STUDY IN THIS AREA SHOULD CONSULT WITH THEIR ADVISERS AND WITH THE DIRECTOR OF THE PROGRAM TO DEVELOP INDIVIDUAL PROGRAMS SUITED TO THEIR NEEDS AND INTERESTS.

MINOR: A MINOR IN RELIGIOUS STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS (INCLUDING RELIGIOUS STUDIES 201 AND 202 AND TWO COURSES IN ASIAN RELIGIOUS TRADITIONS). WITH THE APPROVAL OF THE DIRECTOR OF THE PROGRAM RELEVANT COURSES OTHER THAN THOSE LISTED BELOW MAY BE USED TOWARD A MINOR.

RELST 108 INTRODUCTION TO BIBLICAL HEBREW.
SAME AS HEBR. 111.
PREREQUISITE: HEBR. 110 OR RELST. 108
4 HOURS.
07236 LECT-DISC C 10 MTUWTH 1018 F L B

RELST 110 WORLD RELIGIONS.
SAME AS PHIL. 110.
PREREQUISITE: SOPHOMORE STANDING OR CONSENT OF CHAIRMAN OF THE DEPARTMENT.
3 HOURS.
NOTE: STUDENTS ARE REQUIRED TO ATTEND AT LEAST 6 OF THE 15 SPECIAL EVENING SESSIONS WHICH WILL INCLUDE GUEST LECTURERS.
07237 LECT P 11 TU TH L H THEATRE
P 730-930PM TU 112 G H

RELST 111 ELEMENTARY KOINE GREEK.
SAME AS GRK. 111.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR GREEK OR RELST. 111 WITHOUT GREEK OR RELST. 112.
*4 HOURS.
07238 LECT-DISC D 11 MTUWTH 1018 F L B

RELST 200 INTERMEDIATE KOINE GREEK.
SAME AS GRK. 200.
PREREQUISITE: GRK. OR RELST. 112, OR EQUIVALENT.
4 HOURS.
07239 LECT-DISC F 2 MTUWTH 362 L H

RELST 202 INTRODUCTION TO THE NEW TESTAMENT.
SAME AS HUMAN. 202.
OPEN TO SOPHOMORES IN GOOD STANDING.
3 HOURS.

07240	LECT	B	9	M	W		114	D	K	H
07241	LECT	C	10	M	W		62	K	M	
07242	DISC	D	8			TH	G18	F	L	B
07243	DISC	E	9			TH	1030	F	L	B
07244	DISC	F	10			TH	G30	F	L	B
07245	DISC	G	11			TH	1120	F	L	B
07246	DISC	H	1			TH	G30	F	L	B
07247	DISC	I1	9			F	G46	F	L	B
07248	DISC	I2	9			F	G36	F	L	B
07249	DISC	J1	10			F	G46	F	L	B
07250	DISC	J2	10			F	G36	F	L	B
07251	DISC	K	11			F	G36	F	L	B

RELST 205 THEOLOGY OF THE COVENANT IN THE HEBREW BIBLE.
PREREQUISITE: HUMAN./RELST. 201.
3 HOURS.

07252	LECT-DISC	A	11	M	W	F	G30	F	L	B	MARBLESTONE

RELST 211 BIBLICAL POETRY.
SAME AS HEBR. 211.
PREREQUISITE: HEBR. OR RELST. 210.
4 HOURS.

07253	LECT-DISC	E	1	MTUWTH			1	G	H

RELST 297 INTRODUCTION TO HINDUISM.
3 HOURS.

07254	LECT-DISC	A	1	M	W	F	G32	F	L	B	ANACKER

RELST 328 SOCIOLOGY OF ASIAN RELIGIONS.
SAME AS SOC. 328.
PREREQUISITE: SOC. OR RELST. 229. OR CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

07255	LECT-DISC		2	M	W	F	300	L	H

RELST 362 PHILOSOPHY OF RELIGION.
SAME AS PHIL. 324.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS. OR 3/4 OR 1 UNIT.

07256	LECT-DISC	S	230-4	TU	TH	327	G	H

RELST 369 CONTEMPORARY RELIGIOUS THOUGHT.
SAME AS PHIL. 363.
PREREQUISITE: ONE COURSE IN PHILOSOPHY.
3 HOURS. OR 3/4 OR 1 UNIT.

07257	LECT-DISC	L	830-10	TU	TH	223	G	H

RHETORIC AND COMPOSITION

DEPARTMENT OFFICE 121 E B

MAJOR: TWENTY HOURS IN ENGLISH, INCLUDING TEN HOURS IN LITERATURE (CHOSEN FROM ENGLISH 131 AND ENGLISH COURSES AT THE 200 OR 300 LEVELS) AND TEN HOURS OF WRITING (CHOSEN FROM RHETORIC 143, 144, 205, 206, 227, 246, 255, 263, AND 330). AT LEAST ONE COURSE IN EXPOSITORY WRITING (RHETORIC 143, 227) IS REQUIRED. WITH AN ADVISOR'S PERMISSION, SPEECH 362 OR JOURNALISM 326 MAY BE COUNTED TOWARD THE MAJOR. A STUDENT WHO PLANS TO ATTEND GRADUATE SCHOOL SHOULD TAKE INTO ACCOUNT THE ENTRANCE REQUIREMENTS OF THE GRADUATE DEPARTMENT HE WISHES TO ENTER.

MINOR: AN APPROVED SEQUENCE OF TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS WITH AT LEAST EIGHT HOURS IN THE LESSER IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, ANY FOREIGN LANGUAGE, HISTORY, HUMANITIES, LIBRARY SCIENCE, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIOLOGY, AND SPEECH: OR AN APPROVED SEQUENCE IN HISTORY OF ARCHITECTURE, HISTORY OF ART, OR MUSIC (NOT INCLUDING APPLIED MUSIC) COMBINED WITH ANY ONE OF THE ABOVE SUBJECTS. THE PROGRAM IN ASIAN STUDIES IS ACCEPTED AS A SOLE MINOR. WITH THE WRITTEN APPROVAL OF THE DEPARTMENT ADVISER, OTHER SUBJECTS MAY BE SUBSTITUTED. NO COURSES WILL SATISFY MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJOR OF THEIR DEPARTMENT EXCEPT FRENCH 103, 104, GERMAN 103, 104, LATIN 101, 102, 103, PORTUGUESE 103, 104, RUSSIAN 103, 104, AND SPANISH 103, 104: THE ACCEPTED SUBSTITUTE FOR FRENCH 104, GER. 104, SPANISH 104 MAY BE USED. FOREIGN LANGUAGE DEPARTMENT COURSES PRESENTING FOREIGN LITERATURE IN TRANSLATION ARE ALSO EXCLUDED. STUDENTS INTENDING TO DO GRADUATE WORK SHOULD CONSULT THE LANGUAGE REQUIREMENTS OF THE GRADUATE COLLEGE AND THE ENGLISH DEPARTMENT WHEN THEY PLAN THEIR MINOR PROGRAMS.

DEPARTMENTAL HONORS PROGRAM AND DISTINCTION: A STUDENT MAJORING IN RHETORIC AND COMPOSITION WHO MEETS THE UNIVERSITY GRADE-POINT REQUIREMENT (4.0 OR HIGHER) MAY EARN DISTINCTION ONLY BY COMPLETING NINE HOURS OF HONORS WORK IN ADDITION TO THE MINIMUM NUMBER OF HOURS REQUIRED FOR HIS MAJOR. THIS ADDITIONAL CREDIT MUST INVOLVE A SIGNIFICANT WRITING PROJECT IN RHETORIC 255, THE COMPLETION OF ENGLISH 297, AND ANY TWO OF THE FOLLOWING THREE HONORS COURSES: ENGLISH 197, 295, 296. THE LEVEL OF DISTINCTION (DISTINCTION, HIGH DISTINCTION, HIGHEST DISTINCTION) IS DETERMINED BY THE INSTRUCTORS IN CHARGE OF THE COURSES AND THE HONORS COMMITTEE. TO RECEIVE HIGH DISTINCTION, HOWEVER, A STUDENT MUST HAVE A MINIMUM GRADE-POINT AVERAGE OF 4.5 IN ALL COURSES THAT COUNT TOWARD HIS MAJOR: TO RECEIVE HIGHEST DISTINCTION, HIS AVERAGE IN THESE COURSES MUST BE AT LEAST 4.75. IF, IN THE OPINION OF HIS INSTRUCTORS AND THE COMMITTEE, A CANDIDATE HAS NOT EARNED DISTINCTION, HE MAY STILL RECEIVE CREDIT FOR THE COURSE.

RHET 101 FRESHMAN RHETORIC AND COMPOSITION.
3 HOURS.

07258	LECT-DISC	A	8	M W F	109	N L	
07259	LECT-DISC	B	9	M W F	270	L H	
07260	LECT-DISC	X	12	M W F	270	L H	
07261	LECT-DISC	F	2	M W F	270	L H	
07262	LECT-DISC	G	3	M W F	270	L H	
07263	LECT-DISC	L	8-930	TU TH	270	L H	
07264	LECT-DISC	U	2-330	TU TH	109	N L	

RHET 102 FRESHMAN RHETORIC AND COMPOSITION.
PREREQUISITE: RHET. 101.
3 HOURS.

07265	LECT-DISC	A1	8	M W F	205	E B
07266	LECT-DISC	A2	8	M W F	282	BEV HALL
07267	LECT-DISC	A3	8	M W F	102D	E B
07268	LECT-DISC	B1	9	M W F	109	N L
07269	LECT-DISC	B2	9	M W F	282	BEV HALL
07270	LECT-DISC	B3	9	M W F	156	M E B
07271	LECT-DISC	B4	9	M W F	136	E E B
07272	LECT-DISC	C1	10	M W F	248	M E B
07273	LECT-DISC	C2	10	M W F	242	ARMORY
07274	LECT-DISC	C3	10	M W F	156	M E B

RHET 102 CONTINUED

07275	LECT-DISC	C4	10	M	W	F	136	E E B	
07276	LECT-DISC	D1	11	M	W	F	136	ARMORY	
07277	LECT-DISC	D2	11	M	W	F	242	ARMORY	
07278	LECT-DISC	D3	11	M	W	F	156	M E B	
07279	LECT-DISC	X1	12	M	W	F	248	M E B	
07280	LECT-DISC	X2	12	M	W	F	328	ARMORY	
07281	LECT-DISC	X3	12	M	W	F	156	M E B	
07282	LECT-DISC	X4	12	M	W	F	136	E E B	
07283	LECT-DISC	E1	1	M	W	F	248	M E B	
07284	LECT-DISC	E2	1	M	W	F	242	ARMORY	
07285	LECT-DISC	E3	1	M	W	F	156	M E B	
07286	LECT-DISC	E4	1	M	W	F	136	E E B	
07287	LECT-DISC	F1	2	M	W	F	248	M E B	
07288	LECT-DISC	F2	2	M	W	F	136	E E B	
07289	LECT-DISC	F3	2	M	W	F	156	M E B	
07290	LECT-DISC	G1	3	M	W	F	102	L H	
07291	LECT-DISC	G2	3	M	W	F	147	ARMORY	
07292	LECT-DISC	G3	3	M	W	F	333	ARMORY	
07293	LECT-DISC	H1	4	M	W	F	102	L H	
07294	LECT-DISC	H2	4	M	W	F	147	ARMORY	
07295	LECT-DISC	H3	4	M	W	F	333	ARMORY	
07296	LECT-DISC	L1	8-930	TU	TH		137	ADMIN	
07297	LECT-DISC	L2	8-930	TU	TH		282	BEV HALL	
07298	LECT-DISC	L3	8-930	TU	TH		205	E B	
07299	LECT-DISC	M1	930-11	TU	TH		147	ARMORY	
07300	LECT-DISC	M2	930-11	TU	TH		282	BEV HALL	
07301	LECT-DISC	M3	930-11	TU	TH		117	E B	
07302	LECT-DISC	M4	930-11	TU	TH		206	D K H	
07303	LECT-DISC	O1	11-1230	TU	TH		205	E B	
07304	LECT-DISC	O2	11-1230	TU	TH		282	BEV HALL	
07305	LECT-DISC	O3	11-1230	TU	TH		117	E B	
07306	LECT-DISC	O4	11-1230	TU	TH		206	D K H	
07307	LECT-DISC	Q1	1230-2	TU	TH		147	ARMORY	
07308	LECT-DISC	Q2	1230-2	TU	TH		282	BEV HALL	
07309	LECT-DISC	Q3	1230-2	TU	TH		270	L H	
07310	LECT-DISC	Q4	1230-2	TU	TH		206	D K H	
07311	LECT-DISC	U1	2-330	TU	TH		205	E B	
07312	LECT-DISC	U2	2-330	TU	TH		282	BEV HALL	
07313	LECT-DISC	U3	2-330	TU	TH		209	E B	
07314	LECT-DISC	U4	2-330	TU	TH		206	D K H	
07315	LECT-DISC	Z1	330-5	TU	TH		205	E B	
07316	LECT-DISC	Z2	330-5	TU	TH		282	BEV HALL	
07317	LECT-DISC	Z3	330-5	TU	TH		209	E B	
07318	LECT-DISC	Z4	330-5	TU	TH		206	D K H	

RHET 108 FRESHMAN RHETORIC FOR SUPERIOR STUDENTS.
PREREQUISITE: RHET. 101 OR EXEMPTION FROM RHET. 101, OR RHET. 107.
#CREDIT IS NOT GIVEN FOR RHET. 108 IN ADDITION TO RHET. 102.
#4 HOURS.

07319	LECT-DISC	&A1	8	M	W	F	210B	E B	
07320	LECT-DISC	&B1	9	M	W	F	9	PSYCH BLD	
07321	LECT-DISC	&B2	9	M	W	F	102D	E B	
07322	LECT-DISC	&C1	10	M	W	F	210B	E B	
07323	LECT-DISC	&C2	10	M	W	F	206	D K H	
07324	LECT-DISC	&D1	11	M	W	F	147	ARMORY	
07325	LECT-DISC	&D2	11	M	W	F	109	N L	
07326	LECT-DISC	&X1	12	M	W	F	102D	E B	
07327	LECT-DISC	&X2	12	M	W	F	9	PSYCH BLD	
07328	LECT-DISC	&E1	1	M	W	F	145	ARMORY	
07329	LECT-DISC	&E2	1	M	W	F	9	PSYCH BLD	
07330	LECT-DISC	&F1	2	M	W	F	309	E B	
07331	LECT-DISC	&F2	2	M	W	F	145	ARMORY	
07332	LECT-DISC	&F3	2	M	W	F	9	PSYCH BLD	
07333	LECT-DISC	&G1	3	M	W	F	210B	E B	
07334	LECT-DISC	&G2	3	M	W	F	117	E B	
07335	LECT-DISC	&H1	4	M	W	F	201	E S	
07336	LECT-DISC	&H2	4	M	W	F	210B	E B	
07337	LECT-DISC	&L1	8-930	TU	TH		210B	E B	
07338	LECT-DISC	&L2	8-930	TU	TH		223	E B	
07339	LECT-DISC	&M1	930-11	TU	TH		210B	E B	
07340	LECT-DISC	&M2	930-11	TU	TH		223	E B	
07341	LECT-DISC	&M3	930-11	TU	TH		9	PSYCH BLD	
07342	LECT-DISC	&O1	11-1230	TU	TH		9	PSYCH BLD	
07343	LECT-DISC	&O2	11-1230	TU	TH		223	E B	
07344	LECT-DISC	&Q1	1230-2	TU	TH		9	PSYCH BLD	
07345	LECT-DISC	&Q2	1230-2	TU	TH		223	E B	
07346	LECT-DISC	&Q3	1230-2	TU	TH		140	ADMIN	
07347	LECT-DISC	&U1	2-330	TU	TH		9	PSYCH BLD	
07348	LECT-DISC	&U2	2-330	TU	TH		223	E B	
07349	LECT-DISC	&U3	2-330	TU	TH		140	ADMIN	
07350	LECT-DISC	&Z1	330-5	TU	TH		140	ADMIN	
07351	LECT-DISC	&Z2	330-5	TU	TH		223	E B	

RHET 133 PRINCIPLES OF COMPOSITION.
PREREQUISITE: RHET. 102 OR EQUIVALENT.
*CREDIT IS NOT GIVEN FOR RHET. 133 IN ADDITION TO RHET. 143.
*3 HOURS.

07352	LECT-DISC	B	9	M	W	F	119	E B	
07353	LECT-DISC	C	10	M	W	F	270	L H	
07354	LECT-DISC	D	11	M	W	F	119	E B	
07355	LECT-DISC	X	12	M	W	F	119	E B	
07356	LECT-DISC	E	1	M	W	F	270	L H	
07357	LECT-DISC	F	2	M	W	F	194	L H	
07358	LECT-DISC	M	930-11	TU TH			270	L H	

RHET 143 INTERMEDIATE EXPOSITORY WRITING.
PREREQUISITE: A GRADE OF A OR B IN RHET. 102 OR EQUIVALENT OR CONSENT OF INSTRUCTOR.
*CREDIT IS NOT GIVEN FOR RHET. 143 IN ADDITION TO RHET. 133.
*3 HOURS.

07359	LECT-DISC	A	8	M	W	F	303	E B	
07360	LECT-DISC	B	9	M	W	F	307	E B	
07361	LECT-DISC	C	10	M	W	F	9	PSYCH BLD	
07362	LECT-DISC	D	11	M	W	F	9	PSYCH BLD	
07363	LECT-DISC	K	8	TU TH			102D	E B	
		K	9	TU			102D	E B	
07364	LECT-DISC	O	11-1230	TU TH			270	L H	

RHET 144 NARRATIVE WRITING.
PREREQUISITE: RHET. 102 OR EQUIVALENT, SOPHOMORE STANDING.
3 HOURS.

07365	LECT-DISC	B	9	M	W	F	303	E B	
07366	LECT-DISC	X	12	M	W	F	210B	E B	
07367	LECT-DISC	N	11	TU			303	E B	
		N	12	TU TH			303	E B	
07368	LECT-DISC	P1	1	TU TH			119	E B	
		P1	2	TU			119	E B	
07369	LECT-DISC	P2	1	TU TH			210B	E B	
		P2	12	TH			210B	E B	
07370	LECT-DISC	R1	3	TU TH			119	E B	
		R1	4	TU			119	E B	
07371	LECT-DISC	R2	3	TU TH			303	E B	
		R2	4	TU			303	E B	
07372	LECT-DISC	S	4-530	TU TH			307	E B	

RHET 145 POETRY WRITING.
PREREQUISITE: RHET. 102 OR CONSENT OF INSTRUCTOR.
3 HOURS.

07373	LECT-DISC	R	2	TU			309	E B	VANWALLEGHEN
		R	1	TU TH			309	E B	VANWALLEGHEN
07374	LECT-DISC	R1	1-230	TU TH			102	L H	STONE

RHET 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

07375	CONF		ARR						

RHET 202 COMMUNICATIONS WORKSHOP.
3 HOURS.

07376	LECT-DISC	E	10	M	W	F	119	E B	DAVIS

RHET 205 ADVANCED NARRATIVE WRITING, I.
PREREQUISITE: RHET. 144 OR EQUIVALENT.
3 HOURS.

07377	LECT-DISC	C	10	M	W	F	303	E B	FUMENTO
07378	LECT-DISC	N	11	TU			102D	E B	SCOUFFAS
		N	12	TU TH			102D	E B	SCOUFFAS
07379	LECT-DISC	R	3-5	TU			210B	E B	CURLEY
		R	2	TH			210B	E B	CURLEY

RHET 206 ADVANCED NARRATIVE WRITING, II.
PREREQUISITE: RHET. 205.
3 HOURS.

07380	LECT-DISC	P	1	TU TH			303	E B	FRIEDMAN
		P	2	TU			303	E B	FRIEDMAN

RHET 227 ADVANCED EXPOSITORY WRITING.
PREREQUISITE: RHET. 133 OR 143, OR CONSENT OF INSTRUCTOR.
3 HOURS.

07381	LECT-DISC	N	11	TU TH	307	E B		TILLMAN
		N	10	TH	307	E B		TILLMAN

RHET 255 CREATIVE WRITING.
PREREQUISITE: A PREPARATORY COURSE IN ADVANCED WRITING (RHET. 205, 206, 227, 330; OR SPCH. 263, 363) AND WRITTEN CONSENT OF THE INSTRUCTOR WITH WHOM THE STUDENT WILL BE WORKING OR OF THE DIRECTOR OF ADVANCED RHETORIC IF THE INSTRUCTOR IS NOT AVAILABLE.
*THIS COURSE MAY BE REPEATED FOR CREDIT TO A MAXIMUM OF 4 HOURS, BUT THE 4 HOURS MAY NOT BE TAKEN CONCURRENTLY WITH ANOTHER COURSE IN THE SAME KIND OF WRITING.
*2 HOURS.
STUDENTS MUST SEE THE INSTRUCTOR DURING THE FIRST WEEK OF CLASSES TO ARRANGE A CONFERENCE SCHEDULE.
INSTRUCTORS: COSTELLO, CURLEY, DAVIS, FRIEDMAN, FUMENTO MARDER, SCOUFFAS, TIBBETTS, TILLMAN, VAN WALLEGHEN.

07382	LECT-DISC	V	7-830PM	TU TH	1020	E B		COSTELLO
07383	CONF		ARR					STAFF

RHET 330 THE WRITING OF POETRY.
PREREQUISITE: RHET. 145, JUNIOR STANDING, AND SIX HOURS OF ENGLISH LITERATURE, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HOURS.
*3 HOURS OR 3/4 UNIT.

07384	LECT-DISC	R	3	TU TH	309	E B		VANWALLEGHEN
		R	2	TH	309	E B		VANWALLEGHEN
07385	LECT-DISC	T	3-430	TU TH	102	L H		STONE

RURAL SOCIOLOGY
DEPARTMENT OF AGRICULTURAL ECONOMICS.

R SOC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

07386	CONF		ARR					STAFF

R SOC 277 RURAL SOCIAL CHANGE.
SAME AS SOC. 277.
PREREQUISITE: SOC. 100 OR R. SOC. 117.
FIELD TRIP, ESTIMATED EXPENSE, $5.
3 HOURS.

07387	LECT-DISC	O	11	M W F	153	A S L		SERANKO

R SOC 343 SOCIAL CHANGE IN DEVELOPING AREAS.
SAME AS SOC. 343.
PREREQUISITE: SOC.100 OR 151 OR EQUIVALENT.
3 HOURS, OR 1/2 OR 1 UNIT.

07388	LECT-DISC		1030-12	TU TH	156	ADMIN		

R SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
SAME AS SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY, CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

07389	CONF		ARR					STAFF

SLAVIC LANGUAGES AND LITERATURES
DEPARTMENT OFFICE 3092 F L B

MAJOR: TWENTY-FOUR HOURS OF COURSE WORK BEYOND RUSSIAN 115, AT LEAST NINE HOURS OF WHICH MUST BE IN COURSES AT THE 300-LEVEL. MAJORS ARE REQUIRED TO TAKE A MINIMUM OF THREE LITERATURE COURSES WHICH ARE TAUGHT IN RUSSIAN AND ONE SURVEY COURSE TAUGHT IN ENGLISH.

MINOR: TWENTY HOURS IN NOT MORE THAN TWO SUBJECTS FROM THE FOLLOWING LIST, WITH AT LEAST EIGHT HOURS IN EACH SUBJECT IF TWO ARE CHOSEN: ARABIC, EDUCATION, CHINESE, ENGLISH (EXCLUDING RHETORIC 101-102), FRENCH, GERMAN, GREEK, HINDI, HISTORY, ITALIAN, JAPANESE, LATIN, LIBRARY SCIENCE, LINGUISTICS, PHILOSOPHY, POLITICAL SCIENCE, PORTUGUESE, SPANISH, OR ANY MINOR SLAVIC LANGUAGE. THE FIRST SEMESTER OF COURSE WORK IN ANY FOREIGN LANGUAGE MAY NOT BE COUNTED TOWARD A MINOR IN THAT SUBJECT. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES COMPRISING COURSES OUTSIDE THE SLAVIC DEPARTMENT MAY BE ACCEPTED AS A SOLE MINOR.

RUSS 101 FIRST-YEAR RUSSIAN, I.
FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.
*NO CREDIT TOWARD GRADUATION IS GIVEN FOR RUSS. 101 WITHOUT RUSS. 102.
*4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS, A3-A28.

	LECT-DISC	X	12	MTUWTH	9	G H	STAFF
07390							
07391	LAB	A3	8-830	TU TH	202	L H	
07392	LAB	A4	830-9	TU TH	202	L H	
07393	LAB	A5	9-930	TU TH	202	L H	
07394	LAB	A6	930-10	TU TH	202	L H	
07395	LAB	A7	10-1030	TU TH	202	L H	
07396	LAB	A8	1030-11	TU TH	202	L H	
07397	LAB	A9	11-1130	TU TH	202	L H	
07398	LAB	A10	1130-12	TU TH	202	L H	
07399	LAB	A11	12-1230	TU TH	202	L H	
07400	LAB	A12	1230-1	TU TH	202	L H	
07401	LAB	A13	1-130	TU TH	202	L H	
07402	LAB	A14	130-2	TU TH	202	L H	
07403	LAB	A15	2-230	TU TH	202	L H	
07404	LAB	A16	230-3	TU TH	202	L H	
07405	LAB	A17	3-330	TU TH	202	L H	
07406	LAB	A18	330-4	TU TH	202	L H	
07407	LAB	A19	4-430	TU TH	202	L H	
07408	LAB	A20	430-5	TU TH	202	L H	
07409	LAB	A25	7-730PM	TU TH	202	L H	
07410	LAB	A26	730-8PM	TU TH	202	L H	
07411	LAB	A27	8-830PM	TU TH	202	L H	
07412	LAB	A28	830-9PM	TU TH	202	L H	

RUSS 102 FIRST-YEAR RUSSIAN, II.
PREREQUISITE: RUSS. 101.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE LECTURE AND ONE PRACTICE SECTION, AND ONE OF THE LANGUAGE LABORATORY
STUDENTS IN THIS COURSE MAY REGISTER FOR ONE OF THE LANGAUGE LABORATORY SECTIONS, B3-B28.

07413	LECT	D1	11	TU TH	392	L H	DAWSON
07414	LECT	E1	2	TU TH	392	L H	DAWSON
07415	PRACT	A	8	M W F	G58	F L B	STAFF
07416	PRACT	B	9	M W F	G58	F L B	STAFF
07417	PRACT	C	10	M W F	216	L H	STAFF
07418	PRACT	ED	11	M W F	392	L H	STAFF
07419	PRACT	SE	1	M W F	120	COM W	STAFF
07420	PRACT	EF	2	M W F	120	COM W	STAFF
07421	LAB	B3	8-830	TU TH	202	L H	
07422	LAB	B4	830-9	TU TH	202	L H	
07423	LAB	B5	9-930	TU TH	202	L H	
07424	LAB	B6	930-10	TU TH	202	L H	
07425	LAB	B7	10-1030	TU TH	202	L H	
07426	LAB	B8	1030-11	TU TH	202	L H	
07427	LAB	B9	11-1130	TU TH	202	L H	
07428	LAB	B10	1130-12	TU TH	202	L H	

RUSS 102 CONTINUED

07429	LAB	B11	12-1230	TU TH	202	L H	
07430	LAB	B12	1230-1	TU TH	202	L H	
07431	LAB	B13	1-130	TU TH	202	L H	
07432	LAB	B14	130-2	TU TH	202	L H	
07433	LAB	B15	2-230	TU TH	202	L H	
07434	LAB	B16	230-3	TU TH	202	L H	
07435	LAB	B17	3-330	TU TH	202	L H	
07436	LAB	B18	330-4	TU TH	202	L H	
07437	LAB	B19	4-430	TU TH	202	L H	
07438	LAB	B20	430-5	TU TH	202	L H	
07439	LAB	B25	7-730PM	TU TH	202	L H	
07440	LAB	B26	730-8PM	TU TH	202	L H	
07441	LAB	B27	8-830PM	TU TH	202	L H	
07442	LAB	B28	830-9PM	TU TH	202	L H	

RUSS 103 SECOND-YEAR RUSSIAN. I.
PREREQUISITE: RUSS. 102 OR EQUIVALENT.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS. C3-C28.

07443	LECT-DISC	C	10	MTUWTH	120	COM W		STAFF
07444	LECT-DISC	F	2	MTUWTH	9	G H		STAFF
07445	LAB	C3	8-830	TU TH	202	L H		
07446	LAB	C4	830-9	TU TH	202	L H		
07447	LAB	C5	9-930	TU TH	202	L H		
07448	LAB	C6	930-10	TU TH	202	L H		
07449	LAB	C7	10-1030	TU TH	202	L H		
07450	LAB	C8	1030-11	TU TH	202	L H		
07451	LAB	C9	11-1130	TU TH	202	L H		
07452	LAB	C10	1130-12	TU TH	202	L H		
07453	LAB	C11	12-1230	TU TH	202	L H		
07454	LAB	C12	1230-1	TU TH	202	L H		
07455	LAB	C13	1-130	TU TH	202	L H		
07456	LAB	C14	130-2	TU TH	202	L H		
07457	LAB	C15	2-230	TU TH	202	L H		
07458	LAB	C16	230-3	TU TH	202	L H		
07459	LAB	C17	3-330	TU TH	202	L H		
07460	LAB	C18	330-4	TU TH	202	L H		
07461	LAB	C19	4-430	TU TH	202	L H		
07462	LAB	C20	430-5	TU TH	202	L H		
07463	LAB	C25	7-730PM	TU TH	202	L H		
07464	LAB	C26	730-8PM	TU TH	202	L H		
07465	LAB	C27	8-830PM	TU TH	202	L H		
07466	LAB	C28	830-9	TU TH	202	L H		

RUSS 104 GRAMMAR REVIEW AND CONVERSATION.
PREREQUISITE: RUSS. 103.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS. D3-D28.

07467	LECT-DISC	A	8	MTUWTH	9	G H		STAFF
07468	LECT-DISC	B	11	MTUWTH	120	COM W		STAFF
07469	LAB	D3	8-830	TU TH	202	L H		
07470	LAB	D4	830-9	TU TH	202	L H		
07471	LAB	D5	9-930	TU TH	202	L H		
07472	LAB	D6	930-10	TU TH	202	L H		
07473	LAB	D7	10-1030	TU TH	202	L H		
07474	LAB	D8	1030-11	TU TH	202	L H		
07475	LAB	D9	11-1130	TU TH	202	L H		
07476	LAB	D10	1130-12	TU TH	202	L H		
07477	LAB	D11	12-1230	TU TH	202	L H		
07478	LAB	D12	1230-1	TU TH	202	L H		
07479	LAB	D13	1-130	TU TH	202	L H		
07480	LAB	D14	130-2	TU TH	202	L H		
07481	LAB	D15	2-230	TU TH	202	L H		
07482	LAB	D16	230-3	TU TH	202	L H		
07483	LAB	D17	3-330	TU TH	202	L H		
07484	LAB	D18	330-4	TU TH	202	L H		
07485	LAB	D19	4-430	TU TH	202	L H		
07486	LAB	D20	430-5	TU TH	202	L H		
07487	LAB	D25	7-730PM	TU TH	202	L H		
07488	LAB	D26	730-8PM	TU TH	202	L H		
07489	LAB	D27	8-830PM	TU TH	202	L H		
07490	LAB	D28	830-9PM	TU TH	202	L H		

RUSS 105 GRAMMAR REVIEW AND READINGS IN RUSSIAN CULTURE.
PREREQUISITE: RUSS. 103.
4 HOURS.

07491	LECT-DISC	A	9	MTUWTH	340	L H		COHEN

RUSS 106 GRAMMAR REVIEW AND READINGS IN RUSSIAN LITERATURE.
PREREQUISITE: RUSS. 103.
4 HOURS.

07492	LECT-DISC	C	10	MTUWTH	9	G H		BROSTROM
07493	LECT-DISC	E	1	MTUWTH	9	G H		IPIBARNE

RUSS 111 INTENSIVE FIRST-YEAR RUSSIAN.
FOR STUDENTS WHO HAVE NO CREDIT IN RUSSIAN.
8 HOURS.
ALL STUDENTS IN THIS COURSE ARE REQUIRED TO REGISTER FOR TWO HOURS OF WORK WEEKLY IN THE LANGUAGE LABORATORY.

07494	LECT-DISC	BH	9	MTUWTH	9	G H		STAFF
		BH	4	MTUWTH	9	G H		STAFF

RUSS 116 RUSSIAN LITERATURE IN TRANSLATION, II.
3 HOURS.

07495	LECT-DISC	E	11	M W F	328	ARMORY		BROSTROM

RUSS 121 BEGINNING READING COURSE, I.
4 HOURS.

07496	LECT-DISC		4	MTUWTHF	257	E R L		HILL

RUSS 122 BEGINNING READING COURSE, II.
PREREQUISITE: RUSS. 121.
4 HOURS.

07497	LECT-DISC		5	MTUWTH	G58	F L B		HILL

RUSS 123 INTERMEDIATE READING COURSE, I.
PREREQUISITE: RUSS. 122.
4 HOURS.

07498	LECT-DISC		3	MTUWTH	120	COM W		STAFF

RUSS 124 INTERMEDIATE READING COURSE, II.
PREREQUISITE: RUSS. 123.
4 HOURS.

07499	LECT-DISC		3	MTUWTH	G58	F L B		H. ZALUCKY

RUSS 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: RUSSIAN LITERATURE, 3 HOURS.
SECTION B TOPIC: RUSSIAN LANGUAGE, 3 HOURS.

07500	CONF	A	APR					
07501	CONF	B	APR					

RUSS 211 ORAL RUSSIAN, I.
PREREQUISITE: RUSS. 103 AND 104 OR CONSENT OF INSTRUCTOR.
2 HOURS.

07502	LECT-DISC		3	M W	1112	F L B		M. ZALUCKY

RUSS 212 ORAL RUSSIAN, II.
PREREQUISITE: RUSS. 211 OR CONSENT OF INSTRUCTOR.
2 HOURS.

07503	LECT-DISC	D1	11	M W	9	G H		M. ZALUCKY
07504	LECT-DISC	D2	11	TU TH	G58	F L B		M. ZALUCKY

RUSS 213 RUSSIAN COMPOSITION, I.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.
2 HOURS.

07505	LECT-DISC		8	TU TH	G58	F L B		STAFF

RUSS 214 RUSSIAN COMPOSITION, II.
PREREQUISITE: RUSS. 213 OR CONSENT OF INSTRUCTOR.
2 HOURS.

07506	LECT-DISC		10	TU TH	216	L H		H. ZALUCKY

RUSS 215 INTRODUCTION TO RUSSIAN LITERATURE, I.
PREREQUISITE: RUSS. 104 OR CONSENT OF INSTRUCTOR.
3 HOURS.

07507	LECT-DISC		10	M W F	1112	F L B		COHEN

RUSS 216 INTRODUCTION TO RUSSIAN LITERATURE, II.
PREREQUISITE: RUSS. 215 OR CONSENT OF INSTRUCTOR.
3 HOURS.
07508 LECT-DISC 2 M W F 1112 F L B CURRAN

RUSS 292 SENIOR THESIS AND HONORS.
2 HOURS.
07509 CONF APR

RUSS 302 RUSSIAN PROSE FICTION, II.
PREREQUISITE: RUSS. 301.
3 HOURS OR 3/4 UNIT.
07510 LECT-DISC 1 M W F G58 F L B BROSTROM

RUSS 304 ADVANCED READING AND CONVERSATION, II.
PREREQUISITE: RUSS. 303 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07511 LECT-DISC 9 TU TH G58 F L B M. ZALUCKY

RUSS 308 RUSSIAN PHONETICS AND PRONUNCIATION.
PREREQUISITE: RUSS. 212, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
07512 LECT-DISC 9 M W F 1112 F L B KLEIN

RUSS 314 ADVANCED COMPOSITION AND USAGE, II.
PREREQUISITE: RUSS. 313 OR CONSENT OF DEPARTMENT.
3 HOURS OR 3/4 UNIT.
07513 LECT-DISC 12 M W F 1112 F L B H. ZALUCKY

RUSS 315 NINETEENTH CENTURY LITERATURE IN TRANSLATION.
SAME AS HUMAN. 315.
NO KNOWLEDGE OF RUSSIAN REQUIRED.
3 HOURS OR 1 UNIT.
07514 LECT-DISC 3-415 M W 392 L H IRIBARNE

RUSS 324 RUSSIAN LITERATURE FROM 1880 TO 1917.
PREREQUISITE: RUSS. 216 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
07515 LECT-DISC 11 M W F 1112 F L B CURRAN

RUSS 325 SOVIET RUSSIAN LITERATURE.
PREREQUISITE: RUSS. 215, 216, 217 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.
07516 LECT-DISC 2 M W F G58 F L B COHEN

RUSS 400 BEGINNING RUSSIAN FOR GRADUATE STUDENTS.
4 HOURS.
07517 LECT-DISC 4 MTUWTHF G58 F L B HILL

RUSS 401 READINGS IN RUSSIAN FOR GRADUATE STUDENTS.
PREREQUISITE: RUSS. 400 OR EQUIVALENT.
4 HOURS.
07518 LECT-DISC 5 MTUWTH G58 F L B STAFF

RUSS 412 LITERATURE OF THE EIGHTEENTH CENTURY.
1 UNIT.
07519 LECT-DISC 140-225 TU TH 1112 F L B CURRAN

RUSS 417 HISTORY OF THE RUSSIAN LANGUAGE.
PREREQUISITE: RUSS. 405.
1 UNIT.
07520 LECT-DISC 10 M W F G58 F L B HILL

RUSS 420 CHEKHOV.
PREREQUISITE: CONSENT OF INSTRUCTOR OR DEPARTMENT HEAD.
1 UNIT.
07521 LECT-DISC 940-1055 TU TH 1112 F L B PACHMUSS

RUSS 422 RUSSIAN LITERATURE IN EXILE.
PREREQUISITE: GRADUATE STANDING.
1 UNIT.
07522 LECT-DISC 1220-135 TU TH 1112 F L B PACHMUSS

RUSS 425 SEMINAR IN RUSSIAN DRAMA.
PREREQUISITE: RUSS. 335 OR CONSENT OF DEPARTMENT.
1 UNIT.
07523 LECT-DISC 3-415 TU TH 1112 F L B IRIBARNE

RUSSIAN AND EAST EUROPEAN CENTER

DEPARTMENT OFFICE 1207 W OREGON

STUDENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

MAJOR: STUDENTS WHO ELECT RUSSIAN LANGUAGE AND AREA STUDIES AS A MAJOR MUST:
1-COMPLETE THE PRESCRIBED AND GENERAL EDUCATION SEQUENCES REQUIRED IN THE SCIENCES AND LETTERS CURRICULUM.
2-COMPLETE AT LEAST TWENTY SEMESTER HOURS OF RUSSIAN LANGUAGE COURSES, IN ADDITION TO RUSS. 101-102, OR DEMONSTRATE EQUIVALENT PROFICIENCY.
3-COMPLETE A MAJOR CONSISTING OF AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST FOUR DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. COURSES USED FOR MAJOR OR MINOR CREDIT OUTSIDE THE PROGRAM OF RUSSIAN LANGUAGE AND AREA STUDIES MAY NOT COUNT AS PART OF THIS TWENTY HOURS.

ANTH.	381, 382	POL. S.	335, 383
ECON.	357	RUSS.	115, 116, 199, 217, 301, 302
GEOG.	353		317, 321, 322, 323, 324, 325,
HIST.	219, 320, 321, 325,		326, 332, 333, 335, 337
	326, 327, 328	SOC.	350
		UKR.	396, 398

4-COMPLETE A MINOR OF TWENTY HOURS, EXCLUDING COURSES OPEN TO FRESHMEN, IN ONE OR TWO DEPARTMENTS. IF TWO ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE TAKEN IN EACH. COURSES IN THE RUSSIAN LANGUAGE MAY, WITH THE APPROVAL OF THE CENTER DIRECTOR, CONSTITUTE ALL OR PART OF THIS MINOR.

RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR: A MINOR IN RUSSIAN LANGUAGE AND AREA STUDIES, DESIGNED TO ACCOMPANY A MAJOR IN ANY DEPARTMENT, REQUIRES AT LEAST TWENTY SEMESTER HOURS DISTRIBUTED AMONG AT LEAST THREE DEPARTMENTS AND CHOSEN FROM THE COURSES LISTED BELOW. IT ALSO REQUIRES A KNOWLEDGE OF RUSSIAN EQUIVALENT AT LEAST TO THAT NORMALLY ATTAINED AFTER RUSS. 101-102.

ANTH.	381, 382	POL. S.	335, 383
ECON.	357		115, 116, 199, 217, 301, 302,
GEOG.	353		317, 321, 322, 323, 324, 325,
HIST.	219, 320, 321, 325		326, 332, 333, 335, 337
	326, 327, 328	SOC.	350
		UKR.	396, 398

GRADUATE MINORS IN RUSSIAN LANGUAGE AND AREA STUDIES

MINOR FOR THE MASTERS DEGREE: A CANDIDATE FOR THE MASTERS DEGREE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST EARN AT LEAST TWO UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN BELOW. THE COURSES CHOSEN MUST BE IN AT LEAST TWO DEPARTMENTS.

ANTH.	381, 382	RUSS	301, 302, 317, 321, 322,
ECON.	357, 457		323, 324, 325, 326, 332,
GEOG.	353, 495		333, 335, 337, 406, 407,
HIST.	320, 321, 325, 326,		408, 410, 412, 414, 416
	327, 328, 427		417, 421, 423, 424
LAW	369, 371	SLAV.	405
LIB. S.	433	SOC.	350, 450
POL. S.	335, 383, 435, 440	UKR.	396, 398

MINOR FOR THE PH.D. DEGREE: A DOCTORAL CANDIDATE WHO ELECTS RUSSIAN LANGUAGE AND AREA STUDIES AS A MINOR MUST DEMONSTRATE A READING COMMAND OF RUSSIAN AS TESTED BY EXAMINATION OR BY COMPLETION OF RUSSIAN 104 OR 401 WITH A GRADE OF A OR B, AND IN ADDITION MUST EARN AT LEAST FOUR UNITS OF GRADUATE CREDIT IN COURSES CHOSEN FROM THE LIST GIVEN JUST ABOVE. THE FOUR UNITS MUST BE DISTRIBUTED AMONG AT LEAST TWO DEPARTMENTS OUTSIDE OF, AND MAY AT THE SAME TIME INCLUDE UP TO ONE UNIT FROM WITHIN, THE DEPARTMENT OFFERING THE CANDIDATE'S MAJOR.

CERTIFICATE OF GRADUATE SPECIALIZATION IN RUSSIAN LANGUAGE AND AREA STUDIES

THIS CERTIFICATE IS AWARDED BY THE GRADUATE COLLEGE AND THE RUSSIAN AND EAST EUROPEAN CENTER. IT IS FOR PERSONS WITH THE BACCALAUREATE WHO ARE ENROLLED IN ADVANCED STUDIES IN ANY DISCIPLINE AND WHO WISH AT THE SAME TIME TO GAIN A KNOWLEDGE OF THE RUSSIAN AREA AND LANGUAGE. THE REQUIREMENTS ARE: (1) A GOOD COMMAND OF WRITTEN AND SPOKEN RUSSIAN, AS DETERMINED BY SPECIAL EXAMINATIONS. (2) AT LEAST SIX GRADUATE UNITS RELATING TO RUSSIA, DISTRIBUTED AMONG AT LEAST THREE OF THE DEPARTMENTS REPRESENTED IN THE PROGRAM (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, HISTORY, LAW, LIBRARY SCIENCE, POLITICAL SCIENCE, RUSSIAN AND SOCIOLOGY) IN ADDITION TO THE STUDENT'S OWN MAJOR DEPARTMENT. FOR COURSES, SEE ABOVE. IF THE STUDENTS MAJOR DEPARTMENT IS ONE OF THESE NINE HE MAY COUNT, AS PART OF HIS SIX UNITS, UP TO ONE UNIT FROM WITHIN HIS MAJOR DEPARTMENT. (3) A SPECIAL ESSAY BASED LARGELY ON RUSSIAN SOURCES AND TO BE, AT THE MINIMUM, OF THE STANDARD NORMALLY REQUIRED IN A MASTERS THESIS. THE STUDENT MAY SUBMIT, IN FULFILLMENT OF THIS REQUIREMENT, A COPY OF HIS MASTERS THESIS OR DOCTORAL DISSERTATION.

STUDENTS IN OTHER COLLEGES

STUDENTS IN OTHER COLLEGES AND SCHOOLS OF THE UNIVERSITY WHO DESIRE A KNOWLEDGE OF THE RUSSIAN AREA ARE INVITED TO CONSULT, EITHER DIRECTLY OR THROUGH THEIR ADVISERS, WITH THE DIRECTOR OF THE RUSSIAN AND EAST EUROPEAN CENTER IN ORDER TO DEVELOP PROGRAMS SUITED TO THEIR INDIVIDUAL NEEDS. SUCH PROGRAMS MAY IN SOME CASES BE ADOPTED AS A SPECIAL MINOR.

BELOW ARE LISTED COURSES APPROVED FOR THE RUSSIAN LANGUAGE AND AREA STUDIES PROGRAMS. FOR FULL COURSE DESCRIPTIONS OF THOSE BEING OFFERED THIS SEMESTER, CONSULT THE ENTRIES OF THE APPROPRIATE DEPARTMENTS.

ANTH	381, 382
ECON	357, 457
GEOG	353, 381, 382, 495,
HIST	219, 320, 321, 325, 326, 327, 328, 427
LAW	369, 371
LIB S	433
POL S	335, 383, 435, 440
RUSS	115, 116, 199, 217, 301, 302, 317, 321, 322, 323, 324, 325, 326, 332, 333, 335, 337, 406, 407, 408, 410, 412, 414, 416, 417, 421, 423, 424
SLAV	405
SOC	350, 450
UKR	396, 398

SAFETY EDUCATION

DEPARTMENT OFFICE 114 HUFF GYM

S ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
07524 CONF ARR STAFF

S ED 280 SAFETY EDUCATION.
3 HOURS.
*ONE ADDITIONAL HOUR OF LAB PER WEEK TO BE ARRANGED IN 400 H. G.
07525 LECT-DISC B *9 M W F 211 H G HUFFMAN

S ED 284 DRIVER EDUCATION.
PREREQUISITE: UP-TO-DATE DRIVER'S LICENSE, JUNIOR STANDING, AND PROFICIENCY IN DRIVING AUTOMATIC AND STANDARD TRANSMISSION VEHICLE.
3 HOURS.
*TWO ADDITIONAL HOURS PER WEEK TO BE ARRANGED IN 400 H. G.
07526 LECT-DISC L *8 TU TH 207 H G FLORIO

S ED 289 SAFETY EDUCATION FIELD WORK.
PREREQUISITE: SENIOR STANDING IN PUBLIC SAFETY EDUCATION.
0 CREDIT.
07527 LAB-DISC ARR FLORIO

S ED 294 ADVANCED TRAFFIC SAFETY EDUCATION.
PREREQUISITE: S. ED. 284.
3 HOURS.
*FIELD TRIP AND TWO HOURS LAB PER WEEK TO BE ARRANGED IN 400 H. G.
07528 LECT-DISC M *9 TU TH 211 H G FLORIO

S ED 402 PROBLEMS IN SAFETY EDUCATION.
1 UNIT.
07529 LECT-DISC H 4-6 W 207 H G FLORIO

SCANDINAVIAN

GERMANIC LANGUAGES AND LITERATURES.
DEPARTMENT OFFICE 371 L H

SCAN 102 ELEMENTARY SCANDINAVIAN, II.
PREREQUISITE: SCAN. 101.
4 HOURS.
TOPIC: NORWEGIAN.
07530 LECT-DISC D 11 MTUWTH 186 L H HENDERSON
07531 LECT-DISC E 1 MTUWTH 186 L H HENDERSON

SCAN 104 INTERMEDIATE SCANDINAVIAN, II.
PREREQUISITE: SCAN. 103.
4 HOURS.
TOPIC: DANISH, SWEDISH, NORWEGIAN.
07532 LECT-DISC B 9 MTUWTH 186 L H MITCHELL

SCAN 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
07533 CONF ARR

SCAN 297 SENIOR THESIS AND HONORS COURSE.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
1 TO 2 HOURS.
07534 CONF ARR

SCAN 406 OLD NORSE-ICELANDIC, II.
PREREQUISITE: SCAN. 405.
1 UNIT.
07535 LECT-DISC A 8 M W F 1046 F L B MITCHELL

SE ED 101 INTRODUCTION TO THE TEACHING OF SECONDARY SCHOOL SUBJECTS.
2 HOURS.
NOTE: IN ALL SECTIONS EXCEPT Z YOU MUST REGISTER IN SAME LETTER SECTION FOR SE. ED. 240.
*SECTION A: ENGLISH *SECTION G: FOREIGN LANGUAGE
*SECTION B: ENGLISH *SECTION H: FOREIGN LANGUAGE
*SECTION C: ENGLISH *SECTION I: MUSIC
*SECTION D: MATHEMATICS *SECTION J: SOCIAL STUDIES
*SECTION E: SCIENCE *SECTION K: SOCIAL STUDIES
*SECTION F: MATHEMATICS *SECTION L: SCIENCE
*SECTION V: SCIENCE *SECTION W: SCIENCE
*SECTION Z RESERVED FOR ENGLISH STUDENTS INTERESTED IN EXPERIMENTAL PROGRAM AT DISTRICT 214.
SECTIONS V AND W REQUIRE INSTRUCTOR PERMISSION. ALL OTHER SECTIONS REQUIRE JUNIOR STANDING.

07536	LECT-DISC *A	9	TU TH	150	ARMORY	MADSEN
07537	LECT-DISC *B	1	TU TH	143	ARMORY	MADSEN
07538	LECT-DISC *C	8	TU TH	143	ARMORY	FILLION
07539	LECT-DISC *D	8	TU TH	1	EDUC	HENDERSON
07540	LECT-DISC *E	1-3	F	4G	EDUC	
07541	LECT-DISC *F	1	TU TH	151	ARMORY	SHIRK
07542	LECT-DISC *G	10	TU TH	133	ARMORY	KAULFERS
07543	LECT-DISC *H	8	TU TH	166	EDUC	KAULFERS
07544	LECT-DISC *I	10	TU TH	151	ARMORY	HAMILTON
07545	LECT-DISC *J	9	TU TH	224	D K H	METCALF
07546	LECT-DISC *K	2	TU TH	137	ARMORY	COX
07547	LECT-DISC *L	8-10	TH	4G	EDUC	
07548	LECT-DISC *Z	1-3	M	151	ARMORY	ERICKSON
07549	LECT-DISC *V	ARR				BURNETT
07550	LECT-DISC *W	ARR				BURNETT

SE ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

07551	CONF	ARR

SE ED 240 PRINCIPLES OF SECONDARY EDUCATION.
PREREQUISITE: SE. ED. 101 AND PSYCH. 100.
2 HOURS.
*SECTIONS X1. X2. X3. X4 AND X5 ARE PRIMARILY FOR STUDENTS REGISTERED FOR OFF CAMPUS STUDENT TEACHING. THESE SECTIONS WILL NOT MEET DURING THE SIX WEEK STUDENT TEACHING PERIOD.
SECTION X4 RESERVED FOR STUDENT TEACHERS ENROLLED IN DISTRICT 214 PROJECT. SECTION X5 RESERVED FOR ART STUDENT TEACHERS.
NOTE: IN SECTIONS A THROUGH L YOU MUST REGISTER IN SAME LETTER SECTION FOR SE. ED. 101.
*SECTION A: ENGLISH *SECTION G: FOREIGN LANGUAGE
*SECTION B: ENGLISH *SECTION H: FOREIGN LANGUAGE
*SECTION C: ENGLISH *SECTION I: MUSIC
*SECTION D: MATHEMATICS *SECTION J: SOCIAL STUDIES
*SECTION E: SCIENCE *SECTION K: SOCIAL STUDIES
*SECTION F: MATHEMATICS *SECTION L: SCIENCE
*SECTION V: SCIENCE *SECTION W: SCIENCE
SECTIONS V AND W REQUIRE INSTRUCTOR'S PERMISSION. SECTIONS A THROUGH L REQUIRE JUNIOR STANDING.

07552	LECT-DISC *A	10	TU TH	150	ARMORY	MADSEN
07553	LECT-DISC *B	2	TU TH	143	ARMORY	MADSEN
07554	LECT-DISC *C	9	TU TH	143	ARMORY	FILLION
07555	LECT-DISC *D	9	TU TH	1	EDUC	HENDERSON
07556	LECT-DISC *E	1-3	W	4G	EDUC	
07557	LECT-DISC *F	2	TU TH	151	ARMORY	SHIRK
07558	LECT-DISC *G	11	TU TH	166	EDUC	KAULFERS
07559	LECT-DISC *H	9	TU TH	106	D K H	KAULFERS
07560	LECT-DISC *I	11	TU TH	151	ARMORY	HAMILTON
07561	LECT-DISC *J	10	TU TH	224	D K H	METCALF
07562	LECT-DISC *K	3	TU TH	137	ARMORY	COX
07563	LECT-DISC *L	8-10	TU	4G	EDUC	
07571	LECT-DISC M	8	TU TH	151	ARMORY	WEAVER
07572	LECT-DISC N	10	TU TH	136	ARMORY	DAIGH
07564	LECT-DISC *X1	12	M W F	1	EDUC	HAWKINS
07565	LECT-DISC *X2	1	M W F	1	EDUC	LONGSTREET
07566	LECT-DISC *X3	12	M W F	166	EDUC	DAIGH
07567	LECT-DISC *X4	ARR				GOULD
07568	LECT-DISC *X5	ARR				MARSHALL
07569	LECT-DISC *V	ARR				BURNETT
07570	LECT-DISC *W	ARR				BURNETT

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SE ED 341      TECHNIQ OF TEACHING IN THE SECONDARY SCHOOL.
     PREREQUISITE: HP. ED. 201 AND SE. ED. 340 AND CONCURRENT REGISTRA-
     TION IN ED. PR. 340. CONSENT OF INSTRUCTOR.
     3 TO 5 HOURS.
     SECTION A: PHYSICAL EDUCATION MEN.  3 HOURS.
     SECTION C: HEALTH AND SAFETY EDUCATION.  3 HOURS.
     SECTION D: PHYSICAL EDUCATION WOMEN.  3 HOURS.
     SECTION DD: DANCE.  3 HOURS.
     SECTION E: SCIENCE.  5 HOURS.
     SECTION J: SOCIAL STUDIES.  4 HOURS.
     SECTION K: ART.  3-4 HOURS.
     SECTION L: ENGLISH.  5 HOURS.
     SECTION N: FOREIGN LANGUAGE.  3 HOURS.
     SECTION R: HOME ECONOMICS.  3 HOURS.
     SECTION S: INDUSTRIAL EDUCATION.  3 HOURS.
     SECTION T: MATHEMATICS.  5 HOURS.
     SECTION V: MUSIC.  3-4 HOURS.
     SECTION W: BUSINESS EDUCATION.  5 HOURS.
     SECTION Y: LIBRARY SCIENCE.  3-4 HOURS.
     *SECTION P1 RESERVED FOR SCIENCE STUDENTS IN DISTRICT 214 PROJECT.
     *SECTION J1 RESERVED FOR SOCIAL STUDIES STUDENTS IN DISTRICT 214
     PROJECT.
     *SECTION L1 RESERVED FOR ENGLISH STUDENTS IN DISTRICT 214 PROJECT.
     *SECTION T1 RESERVED FOR MATHEMATICS STUDENTS IN DISTRICT 214
     PROJECT.
 27577      LECT-DISC  A        5        MTUWTHF      26  EDUC          KNAPP
 27578      LECT-DISC  C      APP                                       BROWN, CONLEY
 27579      LECT-DISC  D       10-12     MTUWTHF       1  EDUC          MANOUSO
 27579      LECT-DISC  #F1    APP                                       GOULD
 27580      LECT-DISC  F2       9-10     M  W  F      48  EDUC          BROWN
 27581      LECT-DISC  #J1    APP                                       DAVETTE
 27581      LECT-DISC  J2      10-12     M  W  F     143  ARMORY        HERING
                       J2      10         TU TH      143  ARMORY
 27582      LECT-DISC  J3      10-12     M  W  F     153  ARMORY        IOW
                       J3      10         TU TH      153  ARMORY
 27583      LECT-DISC  K      APP                                       MARSHALL
 27585      LECT-DISC  #L1    APP                                       BRICKSON
 27586      LECT-DISC  L2      10-12     M  W  F     385  EDUC          FILLION
                       L2      10         TU TH      385  EDUC
 27585      LECT-DISC  L3      10-12     M  W  F     389  EDUC          LONGSTREET
                       L3      10         TU TH      389  EDUC
 27586      LECT-DISC  L4      10-12     M  W  F     137  ARMORY        NEMANICH
                       L4      10         TU TH      137  ARMORY
 27587      LECT-DISC  L5      10-12     M  W  F      15  D K H         HOFTKER
                       L5      10         TU TH       15  D K H
 27588      LECT-DISC  N1       9        MTUWTHF      25  EDUC          DAIGH
 27589      LECT-DISC  N2       9        MTUWTHF      33  EDUC          HAWKINS
 27590      LECT-DISC  N3       9        MTUWTHF       6  EDUC          HAWKINS
 27591      LECT-DISC  R        9        MTUWTHF      20  EDUC
 27592      LECT-DISC  S        1        MTUWTHF      25  EDUC          TINKHAM
 27594      LECT-DISC  #T1    APP                                       TRAVERS
 27595      LECT-DISC  T2       1-2      MTUWTHF     160  ARMORY        DAVISON
 27596      LECT-DISC  V1       9        MTUWTHF     137  ARMORY        COLWELL
 27597      LECT-DISC  W2       9        MTUWTHF      33  EDUC          HAMILTON
 27598      LECT-DISC  W       10-12     TUWTHF        8  D K H         MAHAFFEY
 27599      LECT-DISC  Y2       3        MTUWTH     1 ENSEMBLE ROOM     SCHRAMM


SE ED 347      TEACHING OF SPEECH.
               SAME AS SPCH. 347.
     PREREQUISITE: SENIOR STANDING. 3.5 GRADE AVERAGE.
     5 HOURS.
 27600      LECT-DISC          2-4      MTUWTHF     130  L H           TUTTLE


SE ED 349      INDEPENDENT STUDY.
     PREREQUISITE: UPPER FLOORMAN. UPPER 5 PER CENT OF CLASS IN GRADE
     POINT AVERAGE. CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
     THE WORK.
     2 OR 3 HOURS.
 27602      CONF               APP


SE ED 391      THESIS.
     PREREQUISITE: SENIOR STANDING.
     2 HOURS.
 27603      CONF               APP


SE ED 392      THESIS.
     PREREQUISITE: SENIOR STANDING.
     2 HOURS.
 27604      CONF               APP
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SE ED 336 FUNDAMENTALS OF READING TECHNIQUES.
SAME AS EL. ED. 336.
PREREQUISITE: JUNIOR STANDING; REGISTRATION IN A TEACHER EDUCATION CURRICULUM.
3 HOURS, OR 1/2 OR 1 UNIT.
#SECTIONS A, C, AND E WILL NOT MEET DURING THE EIGHT-WEEK ELEMENTARY SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR ELEMENTARY EDUCATION, EARLY CHILDHOOD EDUCATION, AND SCHOOL PSYCHOLOGY PROGRAM STUDENTS. SECTIONS W, X, Y, AND Z WILL NOT MEET DURING THE SIX-WEEK JUNIOR AND SENIOR HIGH SCHOOL STUDENT TEACHING PERIOD AND ARE DESIGNED FOR SECONDARY EDUCATION STUDENTS. SECTION W IS RESERVED FOR DISTRICT 214 STUDENTS.
#SECTIONS C1 AND F WILL MEET ALL 16 WEEKS AND ARE DESIGNED FOR ELEMENTARY EDUCATION, EARLY CHILDHOOD EDUCATION, AND SCHOOL PSYCHOLOGY STUDENTS.

07602	LECT-DISC	#A	8-10	M	W	F	1	EDUC		SHORES
07603	LECT-DISC	#C	10-12	M	W	F	166	EDUC		DURKIN
07608	LECT-DISC	#C1	10	M	W	F	192	EDUC		
07604	LECT-DISC	#E	1-3	M	W	F	192	EDUC		POWELL
07609	LECT-DISC	#F	3	M	W	F	160	COM W		
07610	LECT-DISC	#W	ARR							ERICKSON
07605	LECT-DISC	#X	8-10	M	W		143	ARMORY		WALKER
		#X	8			F	143	ARMORY		
07606	LECT-DISC	#Y	1-3	M	W		143	ARMORY		WALKER
		#Y	1			F	143	ARMORY		
07607	LECT-DISC	#Z	2-4	M	W	F	137	ARMORY		KOENKE

SE ED 338 TEACHING OF READING IN GRADES FOUR THROUGH TWELVE.
SAME AS EL. ED. 338.
PREREQUISITE: JUNIOR STANDING AND EL. ED. 336 OR EDPSY. 211.
3 HOURS, OR 1/2 OR 1 UNIT.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
#ADDITIONAL HOURS TO BE ARRANGED.

07611	LECT-DISC		4-6	TU			140	COM W		KNIGHT

SE ED 354 AUDIO-VISUAL COMMUNICATION.
SAME AS EL. ED. AND LIB. S. 354.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
REQUIRES REGISTRATION IN LECTURE AND EITHER LAB A OR LAB B.

07612	LECT-DISC		4-6	TU			1	EDUC		ISAACS
07613	LAB	A	4-6		W		1	EDUC		ISAACS
07614	LAB	B	4-6			TH	1	EDUC		ISAACS

SE ED 357 COMPUTER-ASSISTED INSTRUCTION.
SAME AS C. S. 357.
PREREQUISITE: C. S. 107, OR AN EQUIVALENT COURSE; OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

07615	LECT-DISC	A	3-5	TU			126	COM W		HICKS
07616	LECT-DISC	B	3-5			TH	24	COM W		HICKS

SE ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
#MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.
#1/2 OR 1 UNIT.

07617	CONF		ARR							

SE ED 456 PROBLEMS AND TRENDS IN SPECIALIZED FIELDS OF SECONDARY EDUCATION.
1 UNIT.
#SECTION A IS FOR ENGLISH, SECTION C IS FOR MATHEMATICS, SECTIOND IS FOR SCIENCE, AND SECTION E IS FOR SOCIAL STUDIES.

07618	LECT-DISC	#A	4-6	M			25	EDUC		LONGSTREET
07619	LECT-DISC	#C	4-6		W		399	EDUC		HENDERSON
07620	LECT-DISC	#D	4-6			TH	91	COM W		GOULD
07621	LECT-DISC	#E	4-6	M			91	COM W		METCALF

SE ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1/2 TO 2 UNITS.
*SECTION A IS RESERVED FOR SUPERVISORS OF STUDENT TEACHERS. 1 UNIT.
SECTION B IS COLLEGE-JR. COLLEGE READING PROBLEMS AND PROGRAMS.
1 UNIT. SECTION C IS ON WORLD LAW. 1 UNIT.
SECTION D RESERVED FOR MEDICAL CENTER STUDENTS.

07622	LECT-DISC	*A	ARR					JOHNSON
07623	LECT-DISC	*B	7-9PM	M	6	COM W		KOENKE
07624	LECT-DISC	*C	4-6	TH	6	COM W		METCALF, PAYETTE
07625	LECT-DISC	*D	ARR					TELDEF

SE ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SECONDARY AND CONTINUING EDUCATION.
*MAY BE REPEATED FOR A MAXIMUM OF 2 UNITS.
*0 TO 1 UNIT.
*SECTION A IS FOR ENGLISH. SECTION B IS FOR FOREIGN LANGUAGE. SECTION C IS FOR MATHEMATICS. SECTION D IS FOR SCIENCE. SECTION E IS FOR SOCIAL STUDIES. AND SECTION H IS FOR PROBLEMS IN PHILOSOPHY OF HIGHER EDUCATION REFORM. SECTION F IS FOR MUSIC. AND SECTION I IS FOR JUNIOR COLLEGE PROGRAMS.

07626	LECT-DISC	*A	4-6	W	25	EDUC		WALKER
07627	CONF	*B	ARR					KAULFERS
07628	CONF	*C	ARR					TRAVERS
07629	LECT-DISC	*D	4-6	TH	33	EDUC		BURNETT
07630	LECT-DISC	*E	4-6	TU	33	EDUC		JOHNSON
07631	LECT-DISC	F	4-6	M	104	1203W NEV		LEONHARD
07632	LECT-DISC	H	7-9PM	M	192	EDUC		BROUDY
07633	CONF	I	ARR					O'BANION

SE ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

07634	LECT-DISC		4-6	M	166	EDUC		BURNETT

SE ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

07635	CONF		ARR					

SLAVIC

SLAVIC LANGUAGES AND LITERATURES

DEPARTMENT OFFICE 260 L H

SLAV 195 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
TOPIC SECTION SCR: SERBO-CROATION.

07636	CONF		ARR					
07637	CONF	SCR	ARR					

SLAV 382 LANGUAGE LABORATORY TECHNIQUES.
SAME AS FR., GER., AND SPAN. 382.
PREREQUISITE: THREE YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL. OR THE EQUIVALENT.
2 HOURS OR 1/2 UNIT.

07638	LECT-DISC		10	TU TH	1040	F L B		

SLAV 405 OLD CHURCH SLAVONIC.
1 UNIT.

07639	LECT-DISC		11-1215	TU TH	1112	F L B		GLADNEY

SLAV 460 COMPARATIVE SLAVIC PHONOLOGY.
PREREQUISITE: SLAV. 380.
1 UNIT.

07640	LECT-DISC		820-935	TU TH	1112	F L B		KENSTOWICZ

SLAV 491 INDIVIDUAL TOPICS.
PREREQUISITE: GRADUATE STANDING WITH A MAJOR OR MINOR IN RUSSIAN.
1/4 TO 2 UNITS.
*SECTION A TOPIC: RUSSIAN LITERATURE.
*SECTION B TOPIC: SLAVIC LINGUISTICS.
*SECTION C TOPIC: MINOR SLAVIC LANGUAGES-LITERATURE.

07641	CONF	*A	APR
07642	CONF	*B	ARR
07643	CONF	*C	ARR

SLAV 499 THESIS RESEARCH.
0 TO 4 UNITS.

07644	CONF		ARR

SOCIAL SCIENCES

THE DIVISION OF SOCIAL SCIENCES SPONSORS THE FOLLOWING PROGRAMS: (1) AN UNDERGRADUATE MINOR IN LATIN AMERICAN STUDIES; (2) A GRADUATE MINOR IN LATIN AMERICAN STUDIES; (3) AN UNDERGRADUATE MAJOR AND MINOR IN RUSSIAN AREA STUDIES; (4) A GRADUATE MINOR IN RUSSIAN AREA STUDIES; (5) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE SOCIAL SCIENCES; (6) A GRADUATE PROGRAM LEADING TO THE DEGREE OF MASTER OF ARTS IN THE TEACHING OF SOCIAL STUDIES; (7) A GRADUATE MAJOR AND MINOR AND UNDERGRADUATE MINOR IN LINGUISTICS; (8) AN UNDERGRADUATE MINOR IN ASIAN STUDIES; (9) A GRADUATE MINOR IN ASIAN STUDIES.

THE DIVISION OF SOCIAL SCIENCES CALLS TO THE ATTENTION OF STUDENTS THE OFFERINGS IN THE GENERAL FIELD OF INTERNATIONAL AFFAIRS AND OF NON-WESTERN AREAS FOUND AT THE UNIVERSITY OF ILLINOIS. THE DIVISION RECOMMENDS THAT THE STUDENT INTERESTED IN INTERNATIONAL AFFAIRS AND NON-WESTERN AREAS CONSULT WITH THE ADVISOR IN HIS MAJOR DEPARTMENT OR WITH THE CENTERS FOR ASIAN, LATIN AMERICAN, AND RUSSIAN LANGUAGE AND AREA STUDIES CONCERNING THE POSSIBILITY OF TAKING COURSES IN THESE SUBJECTS, EITHER AS PART OF A MINOR OR SPLIT MINOR, OR AS ELECTIVES.

ENTRANCE EXAMINATIONS FOR THE FOREIGN SERVICE OF THE UNITED STATES. STUDENTS INTERESTED IN PREPARING FOR THESE EXAMINATIONS ARE URGED TO CONSULT WITH THE GOVERNMENT PLACEMENT CONSULTANT OF THE UNIVERSITY PLACEMENT SYSTEM, WHO MAY BE SEEN AT THE INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS, 1201 WEST NEVADA STREET.

DEPARTMENT OFFICE 1207 W OREGON

UNDERGRADUATE MAJOR: THE COOPERATIVE INTERDEPARTMENTAL MAJOR AND MINOR IN SOCIAL WELFARE INCLUDES COMPLETION OF A COURSE IN STATISTICS OR NON-STATISTICAL RESEARCH METHODOLOGY, AT LEAST TWELVE HOURS OF COURSES IN SOCIAL WORK, AND TWENTY-EIGHT HOURS OF SELECTED COURSE WORK FROM THE FOLLOWING DEPARTMENTS: ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

MINORS: COURSES IN SOCIAL WORK MAY BE COUNTED TOWARD AN UNDERGRADUATE MINOR IN THE DEPARTMENTS OF ANTHROPOLOGY, ECONOMICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.

SOC W 195 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

07645	LECT-DISC	A	ARR					STAFF

SOC W 300 METHODS OF SOCIAL WORK INTERVENTION.
PREREQUISITE: SOC. W. 226, OR TAKEN CONCURRENTLY.
3 HOURS, OR 1/2 TO 1 UNIT.

07646	LECT-DISC	B	2	M W F	103	1207W ORE		ATHERTON
07647	LECT-DISC	C	1030-12	TU TH	195	N L		MONKMAN

SOC W 310 SOCIAL WELFARE POLICY AND SERVICES, I.
PREREQUISITE: ADMISSION TO SOCIAL WELFARE MAJOR OR MINOR, OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

07648	LECT-DISC	A	9	M W F	100	G H		FLYNN
07649	LECT-DISC	B	10	M W F	101	ARMORY		HANDLER

SOC W 311 SOCIAL WELFARE POLICY AND SERVICES, II.
PREREQUISITE: SOC. W. 310 OR CONCURRENT REGISTRATION.
3 HOURS OR 1 UNIT.

07650	LECT-DISC	A	9	M W F	153	ARMORY		COWGER GULLERUD
07651	LECT-DISC	B	11	M W F	270	L H		PANITCH/COWGER

SOC W 316 SOCIAL SERVICES FOR CHILDREN.
PREREQUISITE: SOC. W. 300, OR TAKEN CONCURRENTLY, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

07652	LECT-DISC	A	2-330	TU TH	103	N L		CLAY-COSTIN

SOC W 318 SPECIAL PROBLEMS.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 300 AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

07653	CONF	A	3-5	M	133	1207W ORE		GULLERUD HENDERSON
07654	CONF	B	3-5	W	133	1207W ORE		HANDLER
07655	LECT-DISC	C	730-930PM	TU	140	BUR HALL		WATTENBERG
07656	CONF	E	ARR					STAFF
07657	CONF	G	ARR					ASHER

SOC W 326 AFRO-AMERICAN LIFE AND CULTURE.
PREREQUISITE: ADMISSION TO SOCIAL WELFARE MAJOR OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

07658	LECT-DISC		1-230	M W	133	1207W ORE		CLAY-DOWNING

SOC W 327 RESEARCH METHODS IN SOCIAL WORK PRACTICES.
PREREQUISITE: INTRODUCTORY COURSE IN STATISTICS AND ADMISSION TO SOCIAL WELFARE MAJOR, OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

07659	LECT-DISC		ARR					GULLERUD

SOC W 333 INTRODUCTION TO SOCIAL GROUP WORK.
PREREQUISITE: JUNIOR STANDING WITH INTRODUCTORY COURSES IN SOCIOLOGY, PSYCHOLOGY, SOCIAL SCIENCES.
2 HOURS OR 1/2 UNIT.

07660	LECT-DISC	B	230-4	TU	103	1207W ORE	LEUENBERGER ASHER

SOC W 351 HUMAN GROWTH AND BEHAVIOR, I.
PREREQUISITE: SIX HOURS OF PSYCHOLOGY AND/OR SOCIOLOGY, AND ADMISSION TO SOCIAL WELFARE MAJOR OR GRADUATE STANDING.
3 HOURS OR 1 UNIT.

07661	LECT-DISC	A	1	M W	103	1207W ORE	BRIELAND-KIM

TO BE ADMITTED TO GRADUATE STUDY IN SOCIAL WORK STUDENTS MUST HAVE HAD AT LEAST TWENTY SEMESTER HOURS IN THE SOCIAL SCIENCES, PREFERABLY INCLUDING COURSEWORK IN SOCIAL ANTHROPOLOGY, ECONOMICS, HISTORY, HOME ECONOMICS, PHILOSOPHY, POLITICAL SCIENCE, PSYCHOLOGY, SOCIAL WORK OR SOCIAL WELFARE, AND SOCIOLOGY. COMPLETION OF A COURSE IN STATISTICS AND/OR RESEARCH METHODOLOGY IS RECOMMENDED.

SOC W 420 COMPARATIVE APPROACHES IN COMMUNITY ORGANIZATION PRACTICE.
PREREQUISITE: CREDIT OR REGISTRATION IN SOC. W. 421 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

07662	LECT-DISC	A	9-1030	M W	133	1207W ORE	PANITCH

SOC W 422 A COMPARATIVE ANALYSIS OF APPROACHES IN CASEWORK.
PREREQUISITE: SOC. W. 421, 451, OR CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS.

07663	LECT-DISC	A	1-230	TU TH	103	1207W ORE	ITZIN
07664	LECT-DISC	B	1-230	TU TH	133	1207W ORE	KIM

SOC W 423 COMPARATIVE APPROACHES TO SOCIAL GROUP WORK PRACTICE.
PREREQUISITE: SOC. W. 421 AND 425, OR CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS.

07665	LECT-DISC	A	9-1030	M	133	1207W ORE	EUSTER
07666	LECT-DISC	B	9-1030	W	133	1207W ORE	EUSTER

SOC W 425 GROUP PROCESS AND METHOD.
1/2 TO 1 UNIT.

07667	LAB	A	1	M	103	1207W ORE	EUSTER
		A	1-3	W	ARR		EUSTER

SOC W 428 SEMINAR ON A COMPARATIVE ANALYSIS OF SELECTED MODELS OF FAMILY THERAPY.
PREREQUISITE: SOC. W. 421 AND CONSENT OF INSTRUCTOR.
1/2 TO 1 1/2 UNITS.

07668	CONF		1030-12	TH	21	1207W ORE	WATTENBERG VATTANO

SOC W 429 SEMINAR IN METHODS OF INTERVENTION WITH LOW-INCOME FAMILIES.
PREREQUISITE: SOC. W. 421 OR EQUIVALENT.
1/2 TO 1 1/2 UNITS.

07669	LECT-DISC	A	1030-12	M W	133	1207W ORE	WATTENBERG

SOC W 431 PRACTICE SEMINAR, I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

07670	PRACT		ARR				STAFF

SOC W 432 PRACTICE SEMINAR, II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

07671	PRACT		ARR				STAFF

SOC W 435 SEMINAR IN STAFF DEVELOPMENT.
PREREQUISITE: SOC. W. 421 AND CONCURRENT REGISTRATION IN ANY ONE OF THE FOLLOWING: SOC. W. 420, 422, 423, OR 429.
1/2 TO 1 UNIT.

07672	LECT-DISC		1-230	M W	21	1207W ORE	ANDERSON

SOC W 452 HUMAN GROWTH AND BEHAVIOR, II.
PREREQUISITE: SOC. W. 351.
1/2 TO 1 1/2 UNITS.

07673	LECT-DISC		10-12	F	21	1207W ORE	VATTANO

SOC W 454 AFRO-AMERICAN ISSUES SEMINAR.
PREREQUISITE: SOC. W. 326.
3 HOURS OR 1 UNIT.

07674	CONF		3-5	TH	133	1207W ORE	VARGUS

SOC W 461 SPECIAL STUDIES IN SOCIAL WORK I.
1/2 TO 2 UNITS.
*SECTION D TOPIC: SOCIAL WORK AND THE LAW.
*SECTION E TOPIC: SOCIAL WELFARE PLANNING.

07675	CONF	A	730-1030PM	TU	21	1207W ORE	VATTANO
		A	11	TU	21	1207W ORE	
07676	CONF	B	1-4	TH	21	1207W ORE	GOULD
07677	LECT-DISC	C	ARR				BRIELAND-ITZIN
07678	LECT-DISC	*D	3-430	TH	103	1207W ORE	COSTIN
07679	LECT-DISC	*E	230-4	TU	133	1207W ORE	WEAGANT

SOC W 462 SPECIAL STUDIES IN SOCIAL WORK II.
1/2 TO 2 UNITS.
TIME BY ARRANGEMENT AFTER FIRST MEETING.

07680	CONF	A	ARR				STAFF

SOC W 467 FIELD INSTRUCTION, II.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

07681	PRACT	A	1	TU	19S	N L	DOWNING
		A	1-4	TH	19S	N L	DOWNING
07682	PRACT	B	ARR				COSTIN-VARGUS
		B	ARR				ZACCARIA

SOC W 468 FIELD INSTRUCTION, III.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

07683	PRACT	A	ARR				DOWNING

SOC W 469 FIELD INSTRUCTION, IV.
PREREQUISITE: SOC. W. 468.
1 TO 2 UNITS.

07684	PRACT		ARR				DOWNING

SOC W 484 NATIONAL SOCIAL WELFARE POLICY, I.
PREREQUISITE: SOC. W. 481 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

07685	LECT-DISC	A	9-1030	TU TH	103	1207W ORE	WEAGANT

SOC W 485 NATIONAL SOCIAL WELFARE POLICY, II.
PREREQUISITE: SOC. W. 484 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

07686	LECT-DISC	A	230-4	M W	21	1207W ORE	WEAGANT

SOC W 491 RESEARCH SEMINAR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 TO 3 UNITS.
*SECTION E: OPERATIONS RESEARCH.
*SECTION F: PERSONAL AND MENTAL PROBLEMS.
*SECTION G: PROCESS AND OUTCOMES OF SOCIAL TREATMENT.
*SECTION J: FAMILY PLANNING SERVICE.
*SECTION K: SOCIAL SERVICE MANAGEMENT.
SECTION L: SCHOOL SOCIAL WORK PROJECT.

07687	PRACT	*E	ARR	MONKMAN
07688	PRACT	*F	ARR	FLYNN
07689	PRACT	*G	ARR	ITZIN-GULLERUD
07690	PRACT	H	ARR	
07691	PRACT	I	ARR	ATHERTON
07692	PRACT	*J	ARR	GOULD
07693	PRACT	*K	ARR	BRIELAND
07694	PRACT	L	ARR	ANDERSON

SOC W 493 METHODOLOGICAL ISSUES IN SOCIAL WORK RESEARCH.
PREREQUISITE: ONE COURSE IN SOCIAL RESEARCH METHODS.
1/2 TO 1 1/2 UNITS.

07695	CONF	ARR		BRIELAND-STAFF

SOCIOLOGY

DEPARTMENT OFFICE 342 L H

MAJOR: TWENTY HOURS FROM COURSES IN SOCIOLOGY, EXCLUDING SOCIOLOGY 100, 151, AND 152. SOCIOLOGY MAJORS ARE REQUIRED TO TAKE SOCIOLOGY 184, 185, 300, AT LEAST ONE COURSE FROM AMONG 201, 212, 320, AND 321 (THE INTERPERSONAL RELATIONS AREA), AND AT LEAST ONE COURSE FROM AMONG 218, 223, 270, AND 322 (THE SOCIETAL ANALYSIS AREA).

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANTHROPOLOGY, ECONOMICS, HISTORY, LAW, MATHEMATICS, PHILOSOPHY, POLITICAL SCIENCE PSYCHOLOGY AND SOCIAL WORK. THE CURRICULUM IN RUSSIAN LANGUAGE AND AREA STUDIES IS ALSO ACCEPTED AS A MINOR.

DEPARTMENTAL DISTINCTION: IN ORDER TO BE AWARDED DISTINCTION IN SOCIOLOGY AT GRADUATION, THE STUDENT MUST (1) HAVE AT LEAST A 4.0 ALL UNIVERSITY GRADE POINT AVERAGE; (2) MEET THE GENERAL REQUIREMENTS FOR A MAJOR IN SOCIOLOGY; AND (3) IN ADDITION TO THE WORK DONE FOR THE MAJOR, EARN FOUR SEMESTER HOURS OF CREDIT BY ENROLLING IN BOTH OF THE HONORS COURSES (SOC. 290 AND 291).

SOC 100 INTRODUCTION TO SOCIOLOGY.
*CREDIT IS NOT GIVEN FOR BOTH SOC. 100 AND R. SOC. 117.
*3 HOURS.
EACH STUDENT MUST ELECT ONE QUIZ-LECTURE COMBINATION.

07696	QUIZ	A1	10	TH	201	E P		
	LECT	A	11	M W	100	N L		WILEY
07697	QUIZ	A2	1	TH	201	E B		
	LECT	A	11	M W	100	N L		WILEY
07698	QUIZ	A3	9	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07699	QUIZ	A4	10	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07700	QUIZ	A5	11	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07701	QUIZ	A6	1	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07702	QUIZ	A7	2	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07703	QUIZ	A8	3	F	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07704	QUIZ	A9	1	TH	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07705	QUIZ	A10	2	TH	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07706	QUIZ	A11	10	TH	209	E P		
	LECT	A	11	M W	100	N L		WILEY
07707	QUIZ	A12	3	TH	134	ARMORY		
	LECT	A	11	M W	100	N L		WILEY
07708	QUIZ	B1	9	F	300	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07709	QUIZ	B2	10	F	300	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07710	QUIZ	B3	11	F	300	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07711	QUIZ	B4	1	F	300	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07712	QUIZ	B5	9	F	340	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07713	QUIZ	B6	3	M	340	L H		
	LECT	B	2	TU TH	112	G H		HUBER
07714	QUIZ	B7	11	M	134	ARMORY		
	LECT	B	2	TU TH	112	G H		HUBER

SOC 100 CONTINUED

07715	QUIZ	B8	1	M	134	ARMORY	
	LECT	B	2	TU TH	112	G H	HUBER
07716	QUIZ	B9	2	M	134	ARMORY	
	LECT	B	2	TU TH	112	G H	HUBER
07717	QUIZ	B10	3	M	134	ARMORY	
	LECT	B	2	TU TH	112	G H	HUBER
07718	QUIZ	B11	11	F	314	L H	
	LECT	B	2	TU TH	112	G H	HUBER
07719	QUIZ	B12	2	F	314	L H	
	LECT	B	2	TU TH	112	G H	HUBER

SOC 131 SOCIAL PROBLEMS

PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL SCIENCE.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07720	LECT-DISC *A1	1030-12	M W	300	L H	STAFF
07721	LECT-DISC *A2	1030-12	M W	300	L H	

SOC 184 NON-STATISTICAL INTRODUCTION TO SOCIAL SCIENCE RESEARCH METHODS.

PREREQUISITE: SOC. 100. OR CONSENT OF INSTRUCTOR. OR SIX HOURS IN SOCIOLOGY. POLITICAL SCIENCE. ANTHROPOLOGY OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1. B1 AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2. B2 OR C2.

07722	LECT-DISC *A1	1030-12	TU TH	314	L H	WOELFEL
07725	LECT-DISC *A2	1030-12	TU TH	314	L H	
07723	LECT-DISC *B1	10	M W F	340	L H	SPAETH
07726	LECT-DISC *B2	10	M W F	340	L H	
07724	LECT-DISC *C1	11	M W F	340	L H	STAFF
07727	LECT-DISC *C2	11	M W F	340	L H	

SOC 185 INTRODUCTION TO SOCIAL STATISTICS.
SAME AS GEOG. 185.

PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR OR SIX HOURS IN SOCIOLOGY. POLITICAL SCIENCE. ANTHROPOLOGY. OR GEOGRAPHY.
3 HOURS.
*SECTIONS A1. B1 AND C1 ARE FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A2. B2 OR C2. GEOGRAPHY MAJORS SEE GEOGRAPHY 185.

07728	LECT-DISC *A1	9-1030	TU TH	134	ARMORY	UCHE
07731	LECT-DISC *A2	9-1030	TU TH	134	ARMORY	
07729	LECT-DISC *B1	2	M W F	340	L H	STAFF
07732	LECT-DISC *B2	2	M W F	340	L H	
07730	LECT-DISC *C1	1030-12	TU TH	134	ARMORY	SYNGE
07733	LECT-DISC *C2	1030-12	TU TH	134	ARMORY	

SOC 190 INDIVIDUAL TOPICS FOR UNDERGRADUATES.

PREREQUISITE: SIX HOURS OF SOCIOLOGY OR THREE HOURS OF SOCIOLOGY CONCURRENT REGISTRATION IN ANOTHER SOCIOLOGY COURSE AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 6 HOURS.

07734	CONF	ARR	STAFF

SOC 199 UNDERGRADUATE OPEN SEMINAR.

*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A TOPIC: THE EFFECTS OF POLITICAL VIOLENCE. 3 HOURS.

07735	CONF A	10	M W F	314	L H	SOUTHWOOD

SOC 201 INTRODUCTION TO SOCIAL PSYCHOLOGY.

PREREQUISITE: SOC. 100 OR SOC. 152 OR R. SOC. 117.
*CREDIT IS NOT GIVEN FOR SOC. 201 AND PSYCH. 201.
*4 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07736	LECT-DISC *A1	9	M W F	314	L H	STAFF
	LAB-DISC *A1	11	TU	102	L H	STAFF
07737	LECT-DISC *A2	9	M W F	314	L H	
	LAB-DISC *A2	11	TU	102	L H	

SOC 206 POLITICAL SOCIOLOGY.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

07738	LECT-DISC *A1	3	M W F	106	L H			ORUM
07739	LECT-DISC *A2	3	M W F	106	L H			

SOC 223 STRATIFICATION AND SOCIAL CLASSES.
PREREQUISITE: THREE HOURS OF SOCIOLOGY OR EIGHT HOURS OF SOCIAL
SCIENCE.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

07740	LECT-DISC *A1	9-1030	TU TH	151	E E B			LUESCHEN
07741	LECT-DISC *A2	9-1030	TU TH	151	E E B			

SOC 231 ANALYSIS OF JUVENILE DELINQUENCY.
PREREQUISITE--SOC. 100 OR 151.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

07742	LECT-DISC *A1	10	M W F	112	G H			BORDUA
07743	LECT-DISC *A2	10	M W F	112	G H			

SOC 240 COLLECTIVE BEHAVIOR.
PREREQUISITE: SOC. 100 OR 151.
3 HOURS.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

07744	LECT-DISC *A1	10-1130	TU TH	202	H H			MCPHAIL
07745	LECT-DISC *A2	10-1130	TU TH	202	H H			

SOC 251 SOCIAL ASPECTS OF MASS COMMUNICATIONS.
SAME AS COMM. AND JOURN. 251.
PREREQUISITE: REGISTRATION IN THE COLLEGE OF COMMUNICATIONS OR
CONSENT OF THE COLLEGE.
3 HOURS.

07746	LECT-DISC E	2	M W F	215	G H			
07747	LECT-DISC G	3	M W F	215	G H			

SOC 277 RURAL SOCIAL CHANGE.
SAME AS R. SOC. 277.
PREREQUISITE: SOC. 100 OR R. SOC. 117.
FIELD TRIP. ESTIMATED EXPENSE. $5.
3 HOURS.

07748	LECT-DISC D	11	M W F	153	A S L			SOFRANKO

SOC 291 HONORS.
PREREQUISITE: SENIOR STANDING AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED.
*1 TO 6 HOURS.

07749	CONF	APR						STAFF

SOC 300 TWENTIETH CENTURY SOCIOLOGICAL THEORY.
PREREQUISITE: SOC. 100.
3 HOURS OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER
STUDENTS MUST ENROLL IN SECTION A2.

07750	LECT-DISC *A1	2-330	TU TH	103	M H			JOHNSON
07751	LECT-DISC *A2	2-330	TU TH	103	M H			

SOC 309 SOUTH ASIAN SOCIAL ORGANIZATION.
PREREQUISITE: SOC. 100, 151, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION A2.

07752	LECT-DISC *A1	8-930	TU TH	300	L H			WIEBE
07753	LECT-DISC *A2	8-930	TU TH	300	L H			

SOC 315 SOCIOLOGY OF EDUCATION.
SAME AS HP. ED. 315.
PREREQUISITE: SOC. 100 OR 151.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST REGISTER IN SECTION A2.

07754	LECT-DISC *A1	7-930PM	M		145	L H	MAXWELL
07755	LECT-DISC *A2	7-930PM	M		145	L H	

SOC 316 SOCIOLOGY OF ADOLESCENCE.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07756	LECT-DISC *A1	1-230	M	W	314	L H	WILEY
07757	LECT-DISC *A2	1-230	M	W	314	L H	

SOC 322 SOCIOLOGY OF BUREAUCRACY AND ADMINISTRATIVE ORGANIZATION.
PREREQUISITE: NINE HOURS OF SOCIOLOGY INCLUDING SOC. 300, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07758	LECT-DISC *A1	1-230	TU TH		340	L H	UCHE
07759	LECT-DISC *A2	1-230	TU TH		340	L H	

SOC 323 THE SMALL SOCIAL GROUP.
SAME AS PSYCH. 323.
PREREQUISITE: SOC. 201 OR PSYCH. 201.
3 HOURS, OR 1/2 OR 1 UNIT.

07760	LECT-DISC *A1	1-230	TU TH		314	L H	DENZIN
07761	LECT-DISC *A2	1-230	TU TH		314	L H	

SOC 324 PENOLOGY.
PREREQUISITE: SOC. 331.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY AMJORS ONLY. ALL OTHER STUDENTS MUST ENROLLIN SECTION A2.

07762	LECT-DISC *A1	11-1230	M	W	192	L H	FLYNN
07763	LECT-DISC *A2	11-1230	M	W	192	L H	

SOC 326 SOCIAL MOBILITY AND CLASS STRUCTURE.
PREREQUISITE: SOC. 223, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07764	LECT-DISC *A1	10-1130	TU TH		300	L H	HUBER
07765	LECT-DISC *A2	10-1130	TU TH		300	L H	

SOC 328 SOCIOLOGY OF ASIAN RELIGIONS.
SAME AS RELST. 328.
PREREQUISITE: SOC. OR RELST. 229, OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

07766	LECT-DISC	2	M	W F	300	L H	JACOBS

SOC 331 CRIMINOLOGY.
PREREQUISITE: SOC. 100 OR 151, JUNIOR STANDING, PRE-LEGAL JUNIORS MAY BE ADMITTED WITH CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*SECTION A1 IS FOR SOCIOLOGY MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION A2.

07767	LECT-DISC *A1	9	M	W F	101	ARMORY	SYNGE
07768	LECT-DISC *A2	9	M	W F	101	ARMORY	

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SOC   332      RESEARCH METHODS IN SOCIAL PSYCHOLOGY.
               SAME AS PSYCH. 332.
          PREREQUISITE: PSYCH. 201 OR SOC. 201: SOC. 184 AND 185 OR A
          KNOWLEDGE OF STATISTICS EQUIVALENT TO THAT FROM PSYCH. 235.
          4 HOURS, OR 1/2 OR 1 UNIT.
          *SECTIONS A2, A4, A6, A8, B2, AND B4 ARE FOR SOCIOLOGY MAJORS ONLY.
          ALL OTHER STUDENTS MUST ENROLL IN SECTIONS A1, A3, A5, A7, B1 OR
          B3.
        07775       LAB-DISC  *A1        1         TU TH      17  PSYCH BLD
                              *A1       8-10     M  W       151  PSYCH BLD
        07769       LAB-DISC  *A2        1         TU TH      17  PSYCH BLD
                              *A2       8-10     M  W       151  PSYCH BLD
        07776       LAB-DISC  *A3        1         TU TH      17  PSYCH BLD
                              *A3      10-12     M  W       151  PSYCH BLD
        07770       LAB-DISC  *A4        1         TU TH      17  PSYCH BLD
                              *A4      10-12     M  W       151  PSYCH BLD
        07777       LAB-DISC  *A5        1         TU TH      17  PSYCH BLD
                              *A5       8-10      TU TH      151  PSYCH BLD
        07771       LAB-DISC  *A6        1         TU TH      17  PSYCH BLD
                              *A6       8-10      TU TH      151  PSYCH BLD
        07778       LAB-DISC  *A7        1         TU TH      17  PSYCH BLD
                              *A7      10-12      TU TH      151  PSYCH BLD
        07772       LAB-DISC  *A8        1         TU TH      17  PSYCH BLD
                              *A8      10-12      TU TH      151  PSYCH BLD
        07779       LAB-DISC  *B1       11         TU TH      21  PSYCH BLD
                              *B1        1-3       TU TH      151  PSYCH BLD
        07773       LAB-DISC  *B2       11         TU TH      21  PSYCH BLD
                              *B2        1-3       TU TH      151  PSYCH BLD
        07780       LAB-DISC  *B3       11         TU TH      21  PSYCH BLD
                              *B3        1-3       TU TH      151  PSYCH BLD
        07774       LAB-DISC  *B4       11         TU TH      21  PSYCH BLD
                              *B4        1-3       TU TH      151  PSYCH BLD


SOC   335      COMPARATIVE SOCIAL STRATIFICATION.
          PREREQUISITE: SOC. 100 OR CONSENT OF INSTRUCTOR.
          3 HOURS, OR 1/2 OR 1 UNIT.
        07781       LECT-DISC            3        M  W  F    300  L H          JACOBS


SOC   343      SOCIAL CHANGE IN DEVELOPING AREAS.
               SAME AS R. SOC. 343.
          PREREQUISITE: SOC. 100 OR 151 OR EQUIVALENT.
          3 HOURS, OR 1/2 OR 1 UNIT.
        07782       LECT-DISC         1030-12     TU TH      156  ADMIN        KARSH


SOC   351      ADVANCED SOCIAL PSYCHOLOGY.
               SAME AS PSYCH. 351 AND COMM. 351.
          PREREQUISITE: PSYCH. 201 OR SOC. 201 AND PSYCH. 235 OR SOC. 385
          OR A COMPARABLE STATISTICS COURSE.
          3 HOURS, OR 1/2 OR 1 UNIT.
        07783       LECT                 9        M  W  F     29  PSYCH BLD


SOC   359      THE SOCIAL PSYCHOLOGY OF ORGANIZATION.
               SAME AS PSYCH. 359.
          PREREQUISITE: PSYCH. 355 OR SOC. 322.
          3 HOURS OR 1 UNIT.
        07784       LECT                10-1130  M  W       ARR                KIMBERLY


SOC   360      SOCIOLOGY OF THE PROFESSIONS.
          PREREQUISITE: SOC. 100, OR CONSENT OF INSTRUCTOR.
          3 HOURS, OR 1/2 OR 1 UNIT.
        07785       LECT-DISC            2-330    M  W       196  L H          STAFF


SOC   373      LATIN AMERICAN SOCIAL ORGANIZATION AND INSTITUTIONS.
          PREREQUISITE: SOC. 100 OR 151 OR CONSENT OF INSTRUCTOR.
          3 HOURS, OR 1/2 OR 1 UNIT.
        07786       LECT-DISC            1        M  W  F    340  L H          STAFF


SOC   374      PROBLEMS IN HUMAN ECOLOGY.
               SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., V.M.S. 374.
          PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S., OR ZOOL
          369.
          4 HOURS OR 1 UNIT.
          *ONE DISC HOUR TO BE ARRANGED.
        07787       LECT-DISC           *11        M  W  F    393  BEV HALL
                    DISC               *ARR
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SOC 387 SOCIAL STATISTICS II.
PREREQUISITE: SOC. 385.
3 HOURS, OR 3/4 OR 1 UNIT.
07788 LECT-DISC 1 M W F W109 T H SOUTHWOOD

SOC 400 GENERAL SOCIOLOGY.
1 UNIT.
07789 LECT-DISC 10-12 TH 340 L H FORM

SOC 413 COMPUTER APPLICATIONS IN SOCIAL SCIENCE STATISTICAL RESEARCH.
SAME AS C. S. AND PSYCH. 413.
PREREQUISITE: SOC. 387 OR EQUIVALENT IN STATISTICS; MAY BE TAKEN CONCURRENTLY WITH SOC. 387.
1 UNIT.
07790 LECT-DISC R1 1-220 TU TH 101 WOODSHOP DICKMAN

SOC 414 SEMINAR ON SOCIAL INTERACTION.
SAME AS COMM. 414.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
1 UNIT.
07791 LECT-DISC 3-5 TH 401 L H DENZIN

SOC 416 SURVEY RESEARCH METHODS, II.
*FOR CREDIT THIS COURSE MUST BE TAKEN IN THE SEMESTER FOLLOWING SOC. 415.
*1 UNIT.
07792 LECT-DISC 3-5 TU 362 L H MCPHAIL

SOC 417 SEMINAR IN THE SOCIOLOGY OF LAW.
PREREQUISITE: SOC. 317.
1 UNIT.
07793 LECT-DISC 3-5 W 401 L H BORDUA

SOC 418 SEMINAR IN INDUSTRIAL AND ECONOMIC SOCIOLOGY.
SAME AS L.I.R. 418.
PREREQUISITE: SOC. 318 OR CONSENT OF INSTRUCTOR.
1 UNIT.
07794 LECT-DISC 10-12 F 43 L I R

SOC 425 RACIAL AND CULTURAL MINORITIES.
PREREQUISITE: UNDERGRADUATE MAJOR OR MINOR IN SOCIOLOGY OR ANTHROPOLOGY.
1 UNIT.
07795 LECT-DISC 10-12 W 401 L H KRONUS

SOC 429 SEMINAR IN THE SOCIOLOGY OF RELIGION.
PREREQUISITE: SOC. 400.
1 UNIT.
07796 LECT-DISC 10-12 TU 401 L H WIEBE

SOC 440 POLITICAL SOCIOLOGY.
PREREQUISITE: A COURSE IN SOCIOLOGICAL THEORY OR CONSENT OF INSTRUCTOR.
1 UNIT.
07797 LECT-DISC 10-12 TU 336 L H ORUM

SOC 444 SEMINAR IN PUBLIC OPINION.
SAME AS COMM. 444.
1 UNIT.
07798 LECT-DISC 1-3 W 401 L H SIMON

SOC 449 THE SOCIOLOGY OF SPORT.
SAME AS P. E. 449
PREREQUISITE: NINE HOURS OF SOCIOLOGY OR ANTHROPOLOGY INCLUDING A COURSE IN RESEARCH METHODS, OR CONSENT OF INSTRUCTOR.
1 UNIT.
07799 LECT-DISC 1-4 F 207 H G LUESCHEN

SOC 450 PROBLEMS OF SOVIET SOCIETY IN TRANSITION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.
07800 LECT-DISC 1-3 TU 401 L H GORECKI

SOC 457 ORGANIZATIONAL SCIENCES, II.
SAME AS B. ADM. 411, POL. S. 461, AND PSYCH. 454.
PREREQUISITE: SOC. 456.
1 UNIT.

07801	LECT-DISC	8-10	TU	96	COM W		

SOC 476 URBAN COMMUNITIES AND URBANIZATION.
1 UNIT.

07802	LECT-DISC	10-12	M	401	L H		CHOLDIN

SOC 480 SOCIOLOGICAL THEORY AND METHOD.
1 UNIT.

07803	LECT-DISC	730-930PM	W	336	L H		WOELFEL

SOC 482 RECENT DEVELOPMENTS IN SOCIOLOGY.
*STUDENTS MAY ACCUMULATE TWO UNITS.
*1 UNIT.

07804	LECT-DISC	1-3	TH	401	L H		GORECKI

SOC 484 THE SOCIOLOGICAL THEORY OF TALCOTT PARSONS.
PREREQUISITE: SOC. 362 OR 400.
1 UNIT.

07805	LECT-DISC	4-530	TU	401	L H		JOHNSON

SOC 485 THE SAMPLING OF HUMAN POPULATIONS AND SOCIAL ORGANIZATIONS.
SAME AS B. ADM. AND PSYCH. 485.
PREREQUISITE: SOC. 387 OR ECON. 371, OR CONSENT OF INSTRUCTOR.
1 UNIT.

07806	LECT-DISC	3-5	M	122	D K H		SUDMAN

SOC 487 SPECIAL PROBLEMS IN RURAL SOCIOLOGY.
SAME AS R. SOC. 487.
PREREQUISITE: ONE UNIT OF GRADUATE CREDIT IN SOCIOLOGY.
CONSENT OF INSTRUCTOR.
1/2 OR 1 UNIT.

07807	CONF		ARR				STAFF

SOC 490 INDIVIDUAL TOPICS IN SOCIOLOGY.
1/2 TO 2 UNITS.

07808	CONF	A	ARR				STAFF
07809	CONF	B	ARR				STAFF

SOC 492 SEMINAR ON MODELS FOR DIRECTED CHANGE.
SAME AS SOC. W. AND U. P. 492.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

07810	LECT-DISC	10-12	TU	8	COM W		CHOLDIN

SOC 494 MULTIVARIATE ANALYSIS IN PSYCHOLOGY AND EDUCATION.
SAME AS ED. PSY. AND PSYCH. 494.
PREREQUISITE: PSYCH. 307 OR ED. PSY. 496, CONSENT OF INSTRUCTOR.
1 UNIT.

07811	LECT	1-3	TU	2	EDUC		

SOC 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION B IS FOR DOCTORS THESIS.

07812	CONF	A	ARR				STAFF
07813	CONF	*B	ARR				STAFF

DEPARTMENT OFFICE 224 L H

MAJOR: TWENTY-FOUR HOURS, EXCLUDING 101, 102, 103, 104, 115, AND INCLUDING 211, 212, 221, 222. A MINIMUM OF ONE COURSE MUST BE TAKEN FROM EACH OF THE FOLLOWING GROUPS: 1) SPANISH 241, 305, 306; 2) SPANISH 242, 307, 308; 3) SPANISH 309, 311, 314; 4) SPANISH 331, 332; 5) SPANISH 351, 352, LINGUISTICS 300, LINGUISTICS 302. AT LEAST TWO LITERATURE COURSES MUST BE TAKEN AT THE 300 LEVEL.

MINORS: TWENTY HOURS IN NOT MORE THAN TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: EDUCATION, ENGLISH (EXCLUDING RHET. 101 AND 102), FRENCH, GERMAN, GREEK, HISTORY, ITALIAN, LATIN, LATIN-AMERICAN STUDIES, LIBRARY SCIENCE, MEDIEVAL CIVILIZATION STUDIES, PHILOSOPHY, PORTUGUESE, AND RUSSIAN.

SPAN 101 ELEMENTARY SPANISH, I.
NO CREDIT TOWARD GRADUATION IS GIVEN FOR SPAN. 101 WITHOUT SPAN. 102.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS E3-E20.

07814	LECT-DISC	A	8	TUWTHF	176	L	H
07815	LECT-DISC	B	9	TUWTHF	170	L	H
07816	LECT-DISC	C	10	TUWTHF	4	G	H
07817	LECT-DISC	D	11	TUWTHF	216	L	H
07818	LECT-DISC	X	12	MTUWTH	4	G	H
07819	LECT-DISC	E	2	MTUWTH	1120	F	L B
07820	LECT-DISC	G	3	MTUWTH	216	L	H
07821	LAB	E3	8-830	M W	202	L	H
07822	LAB	E4	830-9	M W	202	L	H
07823	LAB	E5	9-930	M W	202	L	H
07824	LAB	E6	930-10	M W	202	L	H
07825	LAB	E7	10-1030	M W	202	L	H
07826	LAB	E8	1030-11	M W	202	L	H
07827	LAB	E9	11-1130	M W	202	L	H
07828	LAB	E10	1130-12	M W	202	L	H
07829	LAB	E11	12-1230	M W	202	L	H
07830	LAB	E12	1230-1	M W	202	L	H
07831	LAB	E13	1-130	M W	202	L	H
07832	LAB	E14	130-2	M W	202	L	H
07833	LAB	E15	2-230	M W	202	L	H
07834	LAB	E16	230-3	M W	202	L	H
07835	LAB	E17	3-330	M W	202	L	H
07836	LAB	E18	330-4	M W	202	L	H
07837	LAB	E19	4-430	M W	202	L	H
07838	LAB	E20	430-5	M W	202	L	H

SPAN 102 ELEMENTARY SPANISH, II.
PREREQUISITE: SPAN. 101 OR ONE YEAR OF HIGH SCHOOL SPANISH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS F3-F28.
ALL NEW AND TRANSFER STUDENTS AS WELL AS ALL STUDENTS ASSIGNED TO 102 ON THE BASIS OF THE PLACEMENT TEST MUST REGISTER IN SECTION X1, WHICH WILL MEET FIVE DAYS PER WEEK.
*SECTION H IS OPEN TO SEOP STUDENTS AND OTHERS UPON APPROVAL OF PROFESSOR D. R. HERSHBERG, 4122 F. L. B.

07839	LECT-DISC	A1	8	TUWTHF	1128	F	L B
07840	LECT-DISC	A2	8	TUWTHF	4	G	H
07841	LECT-DISC	B1	9	TUWTHF	118	L	H
07842	LECT-DISC	B2	9	TUWTHF	431	ARMORY	
07843	LECT-DISC	C	10	TUWTHF	431	ARMORY	
07844	LECT-DISC	D1	11	TUWTHF	176	L	H
07845	LECT-DISC	D2	11	TUWTHF	431	ARMORY	
07875	LECT-DISC	*X1	12	MTUWTHF	1128	F	L B
07846	LECT-DISC	X2	12	MTUWTH	118	L	H
07847	LECT-DISC	F1	1	MTUWTH	170	L	H
07848	LECT-DISC	E2	1	MTUWTH	108	L	H
07849	LECT-DISC	F1	2	MTUWTH	431	ARMORY	
07850	LECT-DISC	F2	2	MTUWTH	136	ARMORY	
07851	LECT-DISC	G1	3	MTUWTH	1128	F	L B
07852	LECT-DISC	G2	3	MTUWTH	108	L	H
07876	LECT-DISC	*H	4	MTUWTH	1120	F	L B

SPAN 102 CONTINUED

07853	LAB	F3	8-830	M	W	202	L	H
07854	LAB	F4	830-9	M	W	202	L	H
07855	LAB	F5	9-930	M	W	202	L	H
07856	LAB	F6	930-10	M	W	202	L	H
07857	LAB	F7	10-1030	M	W	202	L	H
07858	LAB	F8	1030-11	M	W	202	L	H
07859	LAB	F9	11-1130	M	W	202	L	H
07860	LAB	F10	1130-12	M	W	202	L	H
07861	LAB	F11	12-1230	M	W	202	L	H
07862	LAB	F12	1230-1	M	W	202	L	H
07863	LAB	F13	1-130	M	W	202	L	H
07864	LAB	F14	130-2	M	W	202	L	H
07865	LAB	F15	2-230	M	W	202	L	H
07866	LAB	F16	230-3	M	W	202	L	H
07867	LAB	F17	3-330	M	W	202	L	H
07868	LAB	F18	330-4	M	W	202	L	H
07869	LAB	F19	4-430	M	W	202	L	H
07870	LAB	F20	430-5	M	W	202	L	H
07871	LAB	F25	7-730PM	M	W	202	L	H
07872	LAB	F26	730-8PM	M	W	202	L	H
07873	LAB	F27	8-830PM	M	W	202	L	H
07874	LAB	F28	830-9PM	M	W	202	L	H

SPAN 103 INTERMEDIATE SPANISH. I.

PREREQUISITE: SPAN. 102 OR TWO YEARS OF HIGH SCHOOL SPANISH.
4 HOURS.
ALL STUDENTS IN THIS COURSE MUST REGISTER FOR ONE OF THE LANGUAGE LABORATORY SECTIONS G3-G28.
*SECTIONS B AND F ARE OFFERED ONLY TO STUDENTS CONSIDERING A MAJOR OR MINOR IN SPANISH.

07877	LECT-DISC	A	[illegible]	TUWTHF	1136	F	L	B
07903	LECT-DISC	*B	9	TUWTHF	4	G	H	
07878	LECT-DISC	X	12	MTUWTH	170	L	H	
07879	LECT-DISC	F	1	MTUWTH	4	G	H	
07904	LECT-DISC	*F	2	MTUWTH	230	L	H	
07880	LECT-DISC	G	3	MTUWTH	176	L	H	
07881	LAB	G3	8-830	M TH	202	L	H	
07882	LAB	G4	830-9	M TH	202	L	H	
07883	LAB	G5	9-930	M TH	202	L	H	
07884	LAB	G6	930-10	M TH	202	L	H	
07885	LAB	G7	10-1030	M TH	202	L	H	
07886	LAB	G8	1030-11	M TH	202	L	H	
07887	LAB	G9	11-1130	M TH	202	L	H	
07888	LAB	G10	1130-12	M TH	202	L	H	
07889	LAB	G11	12-1230	M TH	202	L	H	
07890	LAB	G12	1230-1	M TH	202	L	H	
07891	LAB	G13	1-130	M TH	202	L	H	
07892	LAB	G14	130-2	M TH	202	L	H	
07893	LAB	G15	2-230	M TH	202	L	H	
07894	LAB	G16	230-3	M TH	202	L	H	
07895	LAB	G17	3-330	M TH	202	L	H	
07896	LAB	G18	330-4	M TH	202	L	H	
07897	LAB	G19	4-430	M TH	202	L	H	
07898	LAB	G20	430-5	M TH	202	L	H	
07899	LAB	G25	7-730PM	M TH	202	L	H	
07900	LAB	G26	730-8PM	M TH	202	L	H	
07901	LAB	G27	8-830PM	M TH	202	L	H	
07902	LAB	G28	830-9PM	M TH	202	L	H	

SPAN 104 INTERMEDIATE SPANISH. II.

PREREQUISITE: SPAN. 103 OR THREE YEARS OF HIGH SCHOOL SPANISH.
4 HOURS.
*SECTION & C IS AN HONORS SECTION. OPEN ONLY TO JAMES SCHOLARS OR TO STUDENTS WHO RECEIVED AN A IN SPANISH 103.
STUDENTS MAY BE REQUIRED TO ATTEND A SPANISH PLAY OR FILM.

07905	LECT-DISC	A	8	TUWTHF	1120	F	L	B
07906	LECT-DISC	B	9	TUWTHF	176	L	H	
07912	LECT-DISC	*&C	10	TUWTHF	1134	F	L	B
07907	LECT-DISC	D	11	TUWTHF	4	G	H	
07908	LECT-DISC	X	12	MTUWTH	1120	F	L	B
07909	LECT-DISC	E	1	MTUWTH	1136	F	L	B
07910	LECT-DISC	F	2	MTUWTH	4	G	H	
07911	LECT-DISC	G	3	MTUWTH	1136	F	L	B

SPAN 108 READINGS IN SPANISH (RE: SPANISH AMERICAN).

PREREQUISITE: SPAN. 107.
3 HOURS.

07913	LECT-DISC	X	12	M W F	1134	F	L	B

SPAN 111 CONVERSATIONAL SPANISH.
PREREQUISITE: SPAN. 103 OR A PLACEMENT SCORE SHOWING HIGH SCHOOL ACHIEVEMENT EQUIVALENT TO SPAN. 103.
4 HOURS.

07914	LECT-DISC	D	11	MTUWTH	170	L H		

SPAN 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION B TOPIC: THE THEME OF ALIENATION IN SPANISH-AMERICAN FICTION. READINGS AND DISCUSSIONS IN ENGLISH. NO KNOWLEDGE OF SPANISH IS NECESSARY.

07915	LECT-DISC	B	9	M W F	1136	F L B		MEEHAN

SPAN 211 INTERMEDIATE COMPOSITION AND CONVERSATION, I.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS.

07916	LECT-DISC	B	9	M W F	230	L H		
07917	LECT-DISC	C	10	M W F	170	L H		
07918	LECT-DISC	D	11	M W F	108	L H		

SPAN 212 INTERMEDIATE COMPOSITION AND CONVERSATION, II.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 211 OR EQUIVALENT.
3 HOURS.

07919	LECT-DISC	A	8	M W F	1126	F L B		
07920	LECT-DISC	B	9	M W F	1134	F L B		
07921	LECT-DISC	C	10	M W F	230	L H		
07922	LECT-DISC	D	11	M W F	230	L H		
07923	LECT-DISC	X	12	M W F	1126	F L B		
07924	LECT-DISC	E	1	M W F	1134	F L B		
07925	LECT-DISC	F	2	M W F	170	L H		

SPAN 214 ADVANCED COMPOSITION AND CONVERSATION, II.
PREREQUISITE: SPAN. 213 OR EQUIVALENT.
3 HOURS.

07926	LECT-DISC	C	10	M W F	118	L H		
07927	LECT-DISC	D	11	M W F	118	L H		

SPAN 215 SPOKEN SPANISH.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 212, SENIOR STANDING.
4 HOURS.

07928	LECT-DISC	Z1	2-4	MTUWTH	1134	F L B		
07929	LECT-DISC	Z2	2-4	MTUWTH	118	L H		

SPAN 221 SPANISH DRAMA AND POETRY OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 104 OR FOUR YEARS OF HIGH SCHOOL SPANISH.
3 HOURS.

07930	LECT-DISC	B	9	M W F	1120	F L B		
07931	LECT-DISC	F	2	M W F	1136	F L B		

SPAN 222 SPANISH-AMERICAN PROSE FICTION OF THE TWENTIETH CENTURY.
PREREQUISITE: SPAN. 221.
3 HOURS.

07932	LECT-DISC	B	9	M W F	1128	F L B		
07933	LECT-DISC	C	10	M W F	1128	F L B		
07934	LECT-DISC	E	1	M W F	1128	F L B		

SPAN 242 STUDIES IN MODERN SPANISH-AMERICAN LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS.

07935	LECT-DISC	C	10	M W F	1120	F L B		MEEHAN

SPAN 280 TEACHERS COURSE.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR 211 AND 212.
2 HOURS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

07936	LECT-DISC	*N	4-530	TU TH	1128	F L B		FLORES

SPAN 292 SENIOR THESIS.
FOR CANDIDATES FOR HONORS IN SPANISH.
2 HOURS.
07937 CONF &A ARR STAFF

SPAN 305 ROMANTICISM AND REALISM IN NINETEENTH-CENTURY SPANISH LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.
07938 LECT-DISC E 1 M W F 1120 F L B COWES

SPAN 306 THE GENERATION OF 1898.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.
07939 LECT-DISC F 2 M W F 1128 F L B COWES

SPAN 310 CONTEMPORARY SPANISH-AMERICAN LITERATURE.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
3 HOURS OR 1/2 UNIT.
07940 LECT-DISC C 10 M W F 1136 F L B LEAL

SPAN 314 SPANISH DRAMA AND POETRY OF THE GOLDEN AGE.
PREREQUISITE: SPAN. 305, 306, 307, OR 308, OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07941 LECT-DISC 11 M W 1126 F L B HERSHBERG

SPAN 331 LA CULTURA HISPANICA: ESPANA.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07942 LECT-DISC C 10 TU TH 1128 F L B FLORES

SPAN 332 LA CULTURA HISPANICA: HISPANOAMERICA.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
*WILL BE COMPLETED BEFORE THE SIX-WEEK STUDENT-TEACHING PERIOD.
07943 LECT-DISC *G 3 MTUWTH 1120 F L B FRANCESCATO

SPAN 351 PHONETICS.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07944 LECT-DISC D 11 TU TH 1128 F L B WANNER

SPAN 352 SYNTAX.
REQUIRED FOR TEACHER-TRAINING MAJORS IN SPANISH.
PREREQUISITE: SPAN. 222 OR EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07945 LECT-DISC M 9 TU TH 1120 F L B SALTARELLI

SPAN 353 SPANISH STRUCTURE.
PREREQUISITE: LING. 300; SPAN. 351; SPAN. 352.
3 HOURS OR 1/2 UNIT.
07946 LECT-DISC N 10 TU TH 1120 F L B WANNER

SPAN 362 SPANISH ABROAD, II.
PREREQUISITE: SPAN. 361.
0 TO 15 HOURS, OR 0 TO 4 UNITS.
*SECTION A IS FOR ADVANCED WORK IN LITERATURE, 6 HOURS.
*SECTION B IS FOR ADVANCED WORK IN LANGUAGE, 6 HOURS.
*SECTION C IS FOR WORK IN SPANISH CIVILIZATION. 3 HOURS.
07947 LECT-DISC *A ARR
07948 LECT-DISC *B ARR
07949 LECT-DISC *C ARR

SPAN 382 LANGUAGE LABORATORY TECHNIQUES.
SAME AS FR., GER., AND SLAV. 382.
PREREQUISITE: 3 YEARS OF MODERN FOREIGN LANGUAGE AT THE COLLEGE LEVEL, OR THE EQUIVALENT.
2 HOURS OR 1/2 UNIT.
07950 LECT-DISC 10 TU TH 1040 F L B

SPAN 401 READINGS IN SPANISH FOR GRADUATE STUDENTS.
PREREQUISITE: SPAN. 400 OR CONSENT OF INSTRUCTOR.
4 HOURS.

07951	LECT-DISC	A	8	TUWTHF	1118	F L B

SPAN 411 SPANISH LITERATURE IN THE MIDDLE AGES.
1 UNIT.

07952	LECT-DISC		9	TU TH	1136	F L B	BALDWIN

SPAN 415 RENAISSANCE AND BAROQUE PROSE IN SPAIN.
PREREQUISITE: SPAN. 311 AND 314, OR EQUIVALENT.
1 UNIT.

07953	LECT-DISC		2	M W	1126	F L B	PRETO-RODAS

SPAN 418 SEMINAR IN RENAISSANCE AND BAROQUE LITERATURE.
*MAY BE REPEATED FOR CREDIT.
*1 UNIT.

07954	LECT-DISC		10	M W	1118	F L B	HERSHBERG

SPAN 422 CONTEMPORARY SPANISH NOVEL AND ESSAY.
1 UNIT.

07955	LECT-DISC		1	TU TH	1120	F L B	COWES

SPAN 423 MODERN SPANISH DRAMA.
1 UNIT.

07956	LECT-DISC		2	TU TH	429	LIB	PIETRANGELI

SPAN 434 SPANISH-AMERICAN NOVEL SINCE 1945.
PREREQUISITE: SPAN. 307, 308, AND 310, OR EQUIVALENT.
1 UNIT.

07957	LECT-DISC		11	M W	1120	F L B	LEAL

SPAN 435 SEMINAR IN SPANISH-AMERICAN POETRY.
PREREQUISITE: SPAN. 431 OR 432.
1 UNIT.

07958	LECT-DISC		9	M W	1118	F L B	FORSTER

SPAN 445 SEMINAR IN 20TH CENTURY SPANISH LITERATURE.
PREREQUISITE: SPAN. 421 OR 422 OR 423 OR 424 OR EQUIVALENT.
1 UNIT.

07959	LECT-DISC		11	TU TH	1134	F L B	PASQUARIELLO

SPAN 454 OLD SPANISH.
1 UNIT.

07960	LECT-DISC		10	TU TH	1126	F L B	BLAYLOCK

SPAN 462 SEMINAR IN ROMANCE LINGUISTICS.
SAME AS FR., ITAL., LING., PORT., AND RMLNG. 462.
PREREQUISITE: RMLNG. 362 OR CONSENT OF INSTRUCTOR.
1 UNIT.

07961	LECT-DISC		1	M W	1118	F L B	SALTARELLI

SPAN 491 SPECIAL TOPICS IN SPANISH.
1/2 OR 1 UNIT.

07962	CONF	ARR	STAFF

SPAN 499 THESIS RESEARCH.
0 TO 4 UNITS.

07963	CONF	ARR	ALLEN, BALDWIN BLAYLOCK,COWES FLORES,FORSTER HERSHBERG,LEAL LOTT, PASQUARIELLO PIETRANGELI PORQUERAS-MAYO PRETO-RODAS SALTARELLI

DEPARTMENT OFFICE 1005 WEST NEVADA

SP ED 117 EXCEPTIONAL CHILDREN.
PREREQUISITE: SOPHOMORE STANDING AND/OR PSYCH. 100.
3 HOURS.

07964	LECT-DISC		2	M W F	2	EDUC	HENDERSON

SP ED 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A1 AND A2: MENTAL RETARDATION.
SECTION A2 DOES NOT MEET DURING 6-WEEK STUDENT TEACHING PERIOD.
SECTION D1: MANUAL COMMUNICATIONS.
ALL REGISTRATION BY PRIOR ARRANGEMENTS WITH INSTRUCTORS.

07965	CONF		ARR				UHLIR
07966	CONF	A1	ARR				UHLIR
07967	CONF	A2	3-5	TU TH	1005 W NEVADA		JORDAN
07968	CONF	D1	3-430	M W	176	EDUC	BABBINI

SP ED 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER GLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES THE WORK.
2 HOURS.

07969	CONF	ARR	1005 W NEVADA		STAFF

SP ED 291 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

07970	CONF	ARR	1005 W NEVADA		STAFF

SP ED 292 THESIS.
PREREQUISITE: SENIOR STANDING.
2 HOURS.

07971	CONF	ARR	1005 W NEVADA		STAFF

SP ED 314 LABORATORY IN MEASUREMENT OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SP. ED. 324 (MAY BE TAKEN CONCURRENTLY), AND CONSENT OF INSTRUCTOR.
*MAY BE REPEATED ONCE: MAXIMUM CREDIT NOT TO EXCEED 4 HOURS OR 1 UNIT.
*2 HOURS OR 1/2 UNIT.

07972	LAB-DISC	B	10-12	TH	1005 W NEVADA	CHALFANT

SP ED 316 THE GIFTED CHILD IN SCHOOL AND SOCIETY.
PREREQUISITE: EDPSY. 211 OR 236; CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 TO 1 UNIT.

07973	LECT-DISC		7-9PM	TU	COL WOLFE SCHL	ZEHRBACH

SP ED 317 PSYCHO-SOCIAL EDUCATIONAL ASPECTS OF DEAFNESS.
PREREQUISITE: SP. ED. 117 AND PSYCH. 100 OR ED. PSY. 211.
3 HOURS, OR 1/2 TO 1 UNIT.
*ONE ADDITIONAL HOUR TO BE ARRANGED.

07974	LECT-DISC		*3	TU TH	1	EDUC	QUIGLEY

SP ED 318 WORKSHOP AND LABORATORY IN EDUCATION OF EXCEPTIONAL CHILDREN.
PREREQUISITE: CONSENT OF INSTRUCTOR.
4 TO 8 HOURS, OR 1 TO 2 UNITS.

07975	LECT-DISC	B	10-12	TU	1005 W NEVADA		CHALFANT
07976	LECT-DISC	F	4-6	W	1005 W NEVADA		SCHULTZ
07977	LECT-DISC	G1	9-11	M	COL WOLFE SCHL		TESKA
07978	LECT-DISC	G2	4-6	TH	COL WOLFE SCHL		M. KARNES
07979	LECT-DISC	X	3-5	TH	153	ARMORY	AMADO

SP ED 320 SPECIAL EDUCATION OF THE DEAF, II.
PREREQUISITE: SP. ED. 319.
5 HOURS, OR 1 TO 2 UNITS.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

07980	LECT-DISC	*1-4	TU TH	1005 W NEVADA	O'NEILL

SP ED 321 EDUCATION OF DISTURBED AND CONDUCT-PROBLEM CHILDREN.
PREREQUISITE: SP. ED. 117 OR EQUIVALENT AND EDPSY. 236. OR EQUIVALENT.
3 HOURS. OR 1/2 TO 1 UNIT.

07981	LECT-DISC	4-6	M	162	EDUC	NECCO

SP ED 322 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED. I.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
*WILL NOT MEET DURING SIX-WEEK STUDENT TEACHING PERIOD.

07982	LECT-DISC	*3-5	M W F	28	EDUC	UHLIR

SP ED 323 PSYCHOLOGY AND EDUCATION OF THE MENTALLY HANDICAPPED. II.
PREREQUISITE: SENIOR STANDING IN SPECIAL EDUCATION AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

07983	LECT-DISC	*1-3	M W F	1005 W NEVADA		JORDAN

SP ED 324 MENTAL AND EDUCATIONAL MEASUREMENT OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SP. ED. 117 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
*WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

07984	LECT-DISC	*4-6	TU TH	240	COM W	BLUTH

SP ED 417 PSYCHO-EDUCATIONAL PROBLEMS OF EXCEPTIONAL CHILDREN.
PREREQUISITE: SIXTEEN HOURS OF PSYCHOLOGY AND/OR EDUCATION, OR CONSENT OF INSTRUCTOR.
1 UNIT.

07985	LECT-DISC	7-9PM	M	166	EDUC	SPRIGGS

SP ED 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS, OR MORE BY SPECIAL CONSENT OF THE DEAN.
*1/2 OR 1 UNIT.

07986	CONF	ARR		1005 W NEVADA		STAFF

SP ED 456 PROBLEMS AND TRENDS IN SPECIAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

07987	LECT-DISC G	4	W	COL WOLFE SCHL		TESKA

SP ED 459 WORKSHOP IN CURRICULUM DEVELOPMENT.
1 TO 2 UNITS.

07988	LECT-DISC B	ARR		1005 W NEVADA		CHALFANT
07989	LECT-DISC E	4-6	TU	24	COM W	SCHULTZ
07990	LECT-DISC G	4-6	M	COL WOLFE SCHL		KARNES

SP ED 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN SPECIAL EDUCATION.
1 TO 2 UNITS.

07991	LECT-DISC A	10-12	TH	6	COM W	SALVIA
07992	LECT-DISC H	3-5	W	6	COM W	HURDER

SP ED 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.

07993	CONF	ARR		1005 W NEVADA		STAFF

SP ED 499 THESIS RESEARCH.
0 TO 4 UNITS.

07994	CONF	ARR		1005 W NEVADA		STAFF

DEPARTMENT OFFICE 244 L H

MAJOR: TWENTY HOURS IN SPEECH IN ADDITION TO SPCH. 101, 105, AND 141. AT LEAST FIVE OF THE TWENTY HOURS MUST BE IN COURSES NUMBERED 300 OR HIGHER; SPCH. 301 MUST BE INCLUDED. IN DECLARING A MAJOR IN SPEECH THE STUDENT MAY CHOOSE ONE OF THESE AREAS FOR EMPHASIS: GENERAL SPEECH, PUBLIC ADDRESS, INTERPRETATION, THEATRE ART, SPEECH SCIENCE AND PHONETICS, SPEECH CORRECTION AND AUDIOLOGY.
THE STUDENT SHOULD REPORT TO 244 LINCOLN HALL TO BE ASSIGNED AN AREA ADVISER WITH WHOM HE MAY CONFER CONCERNING REQUIRED AND RECOMMENDED COURSES.

MINORS: TWENTY HOURS IN ONE OR TWO COLLEGE OF LIBERAL ARTS AND SCIENCES DEPARTMENTS OR IN INTERDEPARTMENTAL PROGRAMS APPROVED BY THE COLLEGE. MINOR PROGRAMS OUTSIDE THE COLLEGE OF LIBERAL ARTS AND SCIENCES MAY BE ARRANGED WITH THE APPROVAL OF THE STUDENT'S MAJOR ADVISER AND HIS DEPARTMENT HEAD. IF TWO MINOR SUBJECTS ARE CHOSEN, AT LEAST EIGHT HOURS MUST BE INCLUDED IN EACH. A MINOR PROGRAM IN ENGLISH MAY NOT INCLUDE MORE THAN THREE HOURS IN LITERATURE COURSES OPEN TO FRESHMEN AND SOPHOMORES AND MAY NOT INCLUDE RHET. 101, 102, 151, 271, AND 272. NO LANGUAGE COURSES MAY SATISFY THE MINOR REQUIREMENTS IF THEY ARE EXCLUDED FROM THE MAJORS OF THE LANGUAGE DEPARTMENTS.

NOTE: TWO TEACHER-TRAINING CURRICULA ARE OFFERED IN SPEECH. SEE THE CURRICULUM PREPARATORY TO SPEECH CORRECTION WORK AND THE CURRICULUM PREPARATORY TO THE TEACHING OF SPEECH.

LIMITED PARTICIPATION AS A SUBJECT IN LABORATORY OR CLASSROOM EXPERIMENTS MAY BE INCLUDED AS A PARTIAL REQUIREMENT IN 100 AND 200 LEVEL COURSES.

SPCH 101 PRINCIPLES OF EFFECTIVE SPEAKING.
3 HOURS.
*SECTION 6F IS RESERVED FOR SUPERIOR STUDENTS INCLUDING JAMES SCHOLARS.

07995	LECT-DISC	A1	8	M	W	F	236	L H
07996	LECT-DISC	A2	8	M	W	F	240	L H
07997	LECT-DISC	B1	9	M	W	F	G32	F L B
07998	LECT-DISC	B2	9	M	W	F	240	L H
07999	LECT-DISC	B3	9	M	W	F	330	ARMORY
08000	LECT-DISC	B4	9	M	W	F	331	ARMORY
08001	LECT-DISC	B5	9	M	W	F	429	ARMORY
08002	LECT-DISC	C1	10	M	W	F	236	L H
08003	LECT-DISC	C2	10	M	W	F	240	L H
08004	LECT-DISC	C3	10	M	W	F	330	ARMORY
08005	LECT-DISC	C4	10	M	W	F	331	ARMORY
08006	LECT-DISC	C5	10	M	W	F	429	ARMORY
08007	LECT-DISC	D1	11	M	W	F	236	L H
08008	LECT-DISC	D2	11	M	W	F	240	L H
08009	LECT-DISC	D3	11	M	W	F	330	ARMORY
08010	LECT-DISC	D4	11	M	W	F	331	ARMORY
08011	LECT-DISC	D5	11	M	W	F	429	ARMORY
08012	LECT-DISC	X1	12	M	W	F	236	L H
08013	LECT-DISC	X2	12	M	W	F	240	L H
08014	LECT-DISC	E1	1	M	W	F	236	L H
08015	LECT-DISC	E2	1	M	W	F	240	L H
08016	LECT-DISC	E3	1	M	W	F	330	ARMORY
08017	LECT-DISC	E4	1	M	W	F	331	ARMORY
08018	LECT-DISC	E5	1	M	W	F	429	ARMORY
08038	LECT-DISC	*6F	2	M	W	F	49	L I R
08019	LECT-DISC	F1	2	M	W	F	236	L H
08020	LECT-DISC	F2	2	M	W	F	240	L H
08021	LECT-DISC	F3	2	M	W	F	330	ARMORY
08022	LECT-DISC	G1	3	M	W	F	236	L H
08023	LECT-DISC	G2	3	M	W	F	240	L H
08024	LECT-DISC	H1	4	M	W	F	236	L H
08025	LECT-DISC	L1	8-930	TU	TH		236	L H
08026	LECT-DISC	L2	8-930	TU	TH		240	L H
08027	LECT-DISC	N1	930-11	TU	TH		236	L H
08028	LECT-DISC	N2	930-11	TU	TH		240	L H
08029	LECT-DISC	N3	930-11	TU	TH		330	ARMORY
08030	LECT-DISC	P1	11-1230	TU	TH		236	L H

SPCH 101 CONTINUED

08031	LECT-DISC	P2	11-1230	TU TH	240	L H		
08032	LECT-DISC	P3	11-1230	TU TH	330	ARMORY		
08033	LECT-DISC	R1	1230-2	TU TH	236	L H		
08034	LECT-DISC	R2	1230-2	TU TH	240	L H		
08035	LECT-DISC	R3	1230-2	TU TH	330	ARMORY		
08036	LECT-DISC	S1	2-330	TU TH	236	L H		
08037	LECT-DISC	S2	2-330	TU TH	240	L H		

SPCH 105 VOICE AND ARTICULATION.
2 HOURS.

08039	LECT	F	2	M	160	ARMORY	PADEN
08040	LECT	N	10	TU	66	LIB	PADEN
08041	QUIZ	1	9	W F	140	L H	
08042	QUIZ	2	10	W F	140	L H	
08043	QUIZ	3	11	W F	140	L H	
08044	QUIZ	4	2	W F	140	L H	
08045	QUIZ	5	11	TU TH	140	L H	
08046	QUIZ	6	12	TU TH	140	L H	
08047	QUIZ	7	1	TU TH	140	L H	
08048	QUIZ	8	2	TU TH	140	L H	
08049	QUIZ	9	3	TU TH	140	L H	

SPCH 107 PARLIAMENTARY PROCEDURE.
2 HOURS.

08050	LECT-DISC		2	TU TH	G17	F L B	BROADPICK

SPCH 109 INTRODUCTION TO PHYSIOLOGICAL PHONETICS.
3 HOURS.

08051	LECT-DISC		1	M W	140	L H	PADEN
08052	QUIZ	1	10	F	330	I H	
08053	QUIZ	2	11	F	330	I H	
08054	QUIZ	3	1	F	330	I H	

SPCH 111 VERBAL COMMUNICATION.
4 HOURS.

08055	LECT		10	TU	304	L H	
08056	DISC	A	8	M W F	331	ARMORY	
08057	DISC	C	10	M W F	136	ARMORY	
08058	DISC	X	12	M W F	331	ARMORY	

SPCH 112 VERBAL COMMUNICATION.
PREREQUISITE: SPCH. 111.
4 HOURS.
NOTE: SECTIONS DESIGNATED AS HONORS SECTIONS ARE OPEN TO STUDENTS WITH PROFICIENCY CREDIT FOR RHETORIC 101.

08059	DISC	A1	8	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08060	DISC	A2	8	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08061	DISC	A3	8	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08062	DISC	A4	8	M W F	130	L H	
	LECT	4	1	TU	103	M H	
08063	DISC	A5	8	M W F	429	ARMORY	
	LECT	5	2	TU	66	LIB	
08064	DISC	B1	9	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08065	DISC	B2	9	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08066	DISC	B3	9	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08067	DISC	B4	9	M W F	132	L H	
	LECT	4	1	TU	103	M H	
08068	DISC	B5	9	M W F	430	ARMORY	
	LECT	5	2	TU	66	LIB	
08069	DISC	C1	10	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08070	DISC	C2	10	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08071	DISC	C3	10	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08072	DISC	C4	10	M W F	132	L H	
	LECT	4	1	TU	103	M H	

SPCH 112 CONTINUED

08073	DISC	C5	10	M W F	430	ARMORY	
	LECT	5	2	TU	66	LIB	
08074	DISC	D1	11	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08075	DISC	D2	11	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08109	DISC	&D3	11	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08076	DISC	D4	11	M W F	132	L H	
	LECT	4	1	TU	103	M H	
08077	DISC	D5	11	M W F	430	ARMORY	
	LECT	5	2	TU	66	LIB	
08078	DISC	X1	12	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08079	DISC	X2	12	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08080	DISC	X3	12	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08081	DISC	X4	12	M W F	130	L H	
	LECT	4	1	TU	103	M H	
08082	DISC	X5	12	M W F	429	ARMORY	
	LECT	5	2	TU	66	LIB	
08083	DISC	E1	1	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08084	DISC	E2	1	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08110	DISC	&E3	1	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08085	DISC	E4	1	M W F	430	ARMORY	
	LECT	4	1	TU	103	M H	
08086	DISC	E5	1	M W F	132	L H	
	LECT	5	2	TU	66	LIB	
08087	DISC	F1	2	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08088	DISC	F2	2	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08111	DISC	&F3	2	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08089	DISC	F4	2	M W F	429	ARMORY	
	LECT	4	1	TU	103	M H	
08090	DISC	F5	2	M W F	430	ARMORY	
	LECT	5	2	TU	66	LIB	
08091	DISC	G1	3	M W F	148	ADMIN	
	LECT	1	8	TU	103	M H	
08092	DISC	G2	3	M W F	143	A H	
	LECT	2	9	TU	103	M H	
08093	DISC	G3	3	M W F	143A	M E B	
	LECT	3	11	TU	103	M H	
08094	DISC	G4	3	M W F	429	ARMORY	
	LECT	4	1	TU	103	M H	
08095	DISC	G5	3	M W F	331	ARMORY	
	LECT	5	2	TU	66	LIB	
08096	DISC	LI	8-930	TU TH	148	ADMIN	
	LECT	1	8	TU	103	M H	
08097	DISC	L2	8-930	TU TH	143	A H	
	LECT	2	9	TU	103	M H	
08098	DISC	M1	9-1030	TU TH	143A	M E B	
	LECT	1	8	TU	103	M H	
08099	DISC	M2	9-1030	TU TH	430	ARMORY	
	LECT	2	9	TU	103	M H	
08100	DISC	N1	930-11	TU TH	148	ADMIN	
	LECT	1	8	TU	103	M H	
08101	DISC	N2	930-11	TU TH	143	A H	
	LECT	2	9	TU	103	M H	
08102	DISC	P1	1030-12	TU TH	143A	M E B	
	LECT	1	8	TU	103	M H	
08103	DISC	P2	1030-12	TU TH	430	ARMORY	
	LECT	2	9	TU	103	M H	
08104	DISC	R4	1-230	TU TH	148	ADMIN	
	LECT	4	1	TU	103	M H	
08105	DISC	R5	1-230	TU TH	143	A H	
	LECT	5	2	TU	66	LIB	
08112	DISC	&R3	1-230	TU TH	143A	M E B	
	LECT	3	11	TU	103	M H	
08106	DISC	S4	2-330	TU TH	430	ARMORY	
	LECT	4	1	TU	103	M H	
08107	DISC	S5	2-330	TU TH	429	ARMORY	
	LECT	5	2	TU	66	LIB	
08108	DISC	T3	230-4	TU TH	143	A H	DZIUK
	LECT	3	11	TU	103	M H	

SPCH 113 GROUP DISCUSSION AND CONFERENCE LEADERSHIP.
PREREQUISITE: SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS. INCLUDING JAMES SCHOLARS.
3 HOURS.

08113	LECT-DISC	B	9	M	W	F	336	L H		SHADOW
08114	LECT-DISC	D	11	M	W	F	130	L H		SHADOW
08115	LECT-DISC	E	1	M	W	F	336	L H		
08116	LECT-DISC	F	2	M	W	F	G17	F L B		
08117	LECT-DISC	M	9-1030		TU TH		G17	F L B		
08118	LECT-DISC	P	1030-12		TU TH		G17	F L B		

SPCH 121 ADVANCED PUBLIC SPEAKING: THE LOGICAL BASES OF DISCOURSE.
PREREQUISITE: SPCH. 101. SOPHOMORE STANDING. BY PERMISSION OF THE HEAD OF THE DEPARTMENT THE PREREQUISITE MAY BE WAIVED FOR SUPERIOR STUDENTS. INCLUDING JAMES SCHOLARS.
3 HOURS.

08119	LECT-DISC	B	9	M	W	F	G17	F L B		WENZEL
08120	LECT-DISC	C	10	M	W	F	G17	F L B		WENZEL
08121	LECT-DISC	G	3	M	W	F	G17	F L B		HAYES

SPCH 141 ORAL INTERPRETATION.
3 HOURS.
*SECTION 6F IS RESERVED FOR SUPERIOR STUDENTS--INCLUDING JAMES SCHOLARS.

08122	LECT-DISC	A	8	M	W	F	255	ARMORY		
08123	LECT-DISC	B1	9	M	W	F	255	ARMORY		
08124	LECT-DISC	B2	9	M	W	F	136	ARMORY		
08125	LECT-DISC	C1	10	M	W	F	255	ARMORY		
08126	LECT-DISC	C2	10	M	W	F	145	ARMORY		
08127	LECT-DISC	D1	11	M	W	F	49	L I R		
08128	LECT-DISC	X1	12	M	W	F	49	L I R		
08129	LECT-DISC	E1	1	M	W	F	255	ARMORY		
08130	LECT-DISC	E2	1	M	W	F	G17	F L B		
08136	LECT-DISC	*EF	2	M	W	F	255	ARMORY		
08131	LECT-DISC	G1	3	M	W	F	255	ARMORY		
08132	LECT-DISC	L	8-930		TU TH		255	ARMORY		
08133	LECT-DISC	N	930-11		TU TH		255	ARMORY		
08134	LECT-DISC	O	12-130		TU TH		255	ARMORY		
08135	LECT-DISC	S	130-3		TU TH		255	ARMORY		

SPCH 142 GROUP ORAL INTERPRETATION OF LITERATURE.
PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
2 HOURS.

08137	LECT-DISC		11		TU TH		255	ARMORY		GOLDEN

SPCH 157 ELEMENTS OF STAGECRAFT.
SAME AS THEAT. 120.
NOT OPEN TO THEATRE MAJORS.
4 HOURS.

08138	LECT-DISC		1-3		TU TH		DRAMA RHRS KRAN			COMBS

SPCH 161 FUNDAMENTALS OF ACTING.
SAME AS THEAT. 170
3 HOURS.

08139	LECT-DISC	B	9	M	W		160	ARMORY		RUSH
		B	10	M			160	ARMORY		
08140	LECT-DISC	C	9			F	160	ARMORY		RUSH
		C	10		W	F	160	ARMORY		
08141	LECT-DISC	E	1	M	W		160	ARMORY		SCHUTTLER
		E	2		W		160	ARMORY		
08142	LECT-DISC	L	8		TU TH		160	ARMORY		ANDERSON
		I	9		TU		160	ARMORY		
08143	LECT-DISC	P	10		TU TH		160	ARMORY		HOSMER
		P	11		TU		160	ARMORY		
08144	LECT-DISC	R	1		TU TH		160	ARMORY		SCHUTTLER
		R	2		TU		160	ARMORY		

SPCH 177 THE ARTS OF PUBLIC DISCOURSE.
4 HOURS.

08145	LECT-DISC		1	M	W	F	213	G H		HAYES
08146	QUIZ	1	11		TU		429	ARMORY		
08147	QUIZ	2	1		TU		429	ARMORY		
08148	QUIZ	3	11			TH	429	ARMORY		
08149	QUIZ	4	1			TH	429	ARMORY		

SPCH 178 THE ARTS OF THE THEATRE AND INTERPRETATIVE SPEECH.
4 HOURS.

08150	LECT-DISC	F	2	M W F	L H THEATRE			TYMCHYSHYN
08151	QUIZ		1	11	TU	331	ARMORY	
08152	QUIZ		2	1	TU	331	ARMORY	
08153	QUIZ		3	11	TH	331	ARMORY	
08154	QUIZ		4	1	TH	331	ARMORY	

SPCH 198 FRESHMAN SEMINAR.
PREREQUISITE: JAMES SCHOLAR STANDING OR OTHER DESIGNATION AS A SUPERIOR STUDENT, AND CONSENT OF INSTRUCTOR.
3 HOURS.

08155	LECT-DISC	&C	10	M W F	1205	W OREGON		MUELLER

SPCH 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

08156	CONF		APR					STAFF

SPCH 203 DRAMATICS FOR TEACHERS.
3 HOURS.

08157	LECT-DISC		11	M W F	160	ARMORY		MITCHELL

SPCH 204 SPEECH FOR TEACHERS.
3 HOURS.

08158	LECT-DISC		10	M W F	130	L H		BURNS

SPCH 207 THE ART OF THE SCREEN: HUMOR.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

08159	LECT-DISC		2	M W	300	ARMORY		MUELLER
			2-4	TH	300	ARMORY		

SPCH 208 SPEECH AND HEARING PROBLEMS IN THE CLASSROOM.
PREREQUISITE: JUNIOR STANDING.
3 HOURS.

08160	LECT-DISC		9	M W F	106	SP CLINIC		ERICKSON

SPCH 211 BUSINESS AND PROFESSIONAL SPEAKING.
PREREQUISITE: SPCH. 101.
2 HOURS.

08161	LECT-DISC	M	9	TU TH	130	L H		DOYLE
08162	LECT-DISC	N	10	TU TH	130	L H		DOYLE

SPCH 213 PERSUASION AND THE ARTS.
3 HOURS.

08163	LECT-DISC		103C-12	TU TH	49	L I R		THOMAS

SPCH 221 ADVANCED PUBLIC SPEAKING: THE PSYCHOLOGICAL BASES OF DISCOURSE.
PREREQUISITE: SPCH. 101 AND JUNIOR STANDING.
3 HOURS.

08164	LECT-DISC	B	9	M W F	236	L H		CLARK
08165	LECT-DISC	C	10	M W F	49	L I R		ANDERSEN

SPCH 247 TEACHING OF SPEECH.
SAME AS SE. ED. 247.
PREREQUISITE: SENIOR STANDING, 3.5 GRADE AVERAGE.
5 HOURS.

08166	LECT-DISC		2-4	MTUWTHF	130	L H		TUTTLE

SPCH 248 SPEECH CORRECTION METHODS IN THE SCHOOLS.
SAME AS EL. ED. 248.
PREREQUISITE: SPCH. 388.
3 HOURS.

08167	LECT-DISC		10-12	TU TH	106	SP CLINIC		JOHNSON
			3-5	TH	106	SP CLINIC		

SPCH 255 FUNDAMENTALS OF PLAY DIRECTING.
SAME AS THEAT. 281.
PREREQUISITE: SPCH. 161 OR THEAT. 176, AND JUNIOR STANDING.
3 HOURS.
*SECTION M IS FOR THEATRE MAJORS ONLY. ALL OTHERS MUST ENROLL IN SECTION B.

08168	LECT-DISC	*B	9	M	W	STUDIO THT	KRAN
		*B	10		W	STUDIO THT	KRAN
08169	LECT-DISC	*M	9		TU TH	STUDIO THT	KRAN
		*M	10		TU	STUDIO THT	KRAN

SPCH 263 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS RHET. 263, R. TV. AND THEAT. 280.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

08170	LECT-DISC	E	12		W	B ENSEMBLE	KRAN
		E	1		W F	B ENSEMBLE	KRAN
08171	LECT-DISC	9	1		TU TH	B ENSEMBLE	KRAN
		9	2		TU	B ENSEMBLE	KRAN

SPCH 291 HONORS COURSE.
PREREQUISITE: SENIOR STANDING, A GRADE-POINT AVERAGE OF 4.0 OR CONSENT OF HEAD OF DEPARTMENT.
*STUDENTS MAY ACCUMULATE 4 HOURS.
*2 HOURS.

08172	CONF	ARR		STAFF

SPCH 293 INDIVIDUAL TOPICS.
PREREQUISITE: TEN HOURS OF SPEECH, GRADE-POINT AVERAGE OF 3.75, CONSENT OF HEAD OF DEPARTMENT.
*STUDENTS MAY ACCUMULATE 4 HOURS.
*2 HOURS.

08173	CONF	ARR		STAFF

SPCH 301 GENERAL PHONETICS.
PREREQUISITE: JUNIOR STANDING.
3 HOURS, OR 1/2 OR 1 UNIT.

08174	LECT-DISC		9	TU TH	304	L H		PADEN
08175	QUIZ	1	9	W	330	I H		
08176	QUIZ	2	10	W	330	I H		
08177	QUIZ	3	1	W	330	I H		
08178	QUIZ	4	3	W	330	I H		

SPCH 308 THE ART OF THE SCREEN: EXPOSITION AND PERSUASION.
SAME AS COMM. 308.
PREREQUISITE: SPCH. 307 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

08179	LECT-DISC	3	M W	136	ARMORY		MUELLER
		3-5	F	136	ARMORY		

SPCH 312 AMERICAN PUBLIC ADDRESS.
3 HOURS, OR 1/2 OR 1 UNIT.

08180	LECT-DISC	10	M W F	121	L H		BROADRICK

SPCH 313 INTERPERSONAL COMMUNICATION: DISCUSSION AND INTERVIEW.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

08181	LECT-DISC	11	M W F	G17	F L B		DELIA

SPCH 321 THEORIES OF PERSUASION AND RHETORICAL PRACTICE.
PREREQUISITE: JUNIOR STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.

08182	LECT-DISC	B	9	M W F	49	L I R	ANDERSEN
08183	LECT-DISC	E	1	M W F	49	L I R	CLARK

SPCH 323 RHETORICAL CRITICISM.
PREREQUISITE: CREDIT OR CONCURRENT ENROLLMENT IN SPCH. 311 OR 312 OR 322.
3 HOURS, OR 1/2 OR 1 UNIT.

08184	LECT-DISC	2	M W F	121	L H		NICHOLS

SPCH 342 ORAL INTERPRETATION OF POETRY.
PREREQUISITE: SPCH. 141.
3 HOURS, OR 1/2 OR 1 UNIT.

08185	LECT-DISC	9	M W F	121	L H		BURNS

SPCH 345 CONTEMPORARY APPROACHES TO ORAL INTERPRETATION.
PREREQUISITE: SPCH. 141 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
08186 LECT-DISC 11 M W F 255 ARMORY ARNOLD

SPCH 362 HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900.
SAME AS THEAT. 362.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
08187 LECT-DISC 2 M W F CONF RM KRAN

SPCH 363 ADVANCED DRAMATIC WRITING.
SAME AS R. TV. 363 AND THEAT. 380.
PREREQUISITE: SPCH. 263, CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.
*3 HOURS, OR 1/2 OR 1 UNIT.
08188 LECT-DISC 3-6 W CONF RM KRAN

SPCH 376 SPEECH SCIENCE, II.
SAME AS LING. 376.
PREREQUISITE: SPCH./LING. 375.
4 HOURS OR 1 UNIT.
08189 LECT-DISC 2 M W F 304 L H
LAB ARR

SPCH 385 SPEECH PATHOLOGY, I.
PREREQUISITE: TEN HOURS OF SPEECH, INCLUDING SPCH. 109, AND PRIOR OR CONCURRENT REGISTRATION IN SPCH. 375, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
08190 LECT-DISC 9 M W F 304 L H SIMPSON

SPCH 387 PRACTICUM IN SPEECH DIAGNOSIS AND THERAPY.
PREREQUISITE: SPCH. 386, AND 389, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS.
*3 HOURS OR 1/2 UNIT.
08191 LECT-DISC 2-4 M W F 106 SP CLINIC JOHNSTON

SPCH 389 PSYCHOLOGICAL APPRAISAL IN SPEECH PATHOLOGY AND AUDIOLOGY.
PREREQUISITE: SPCH. 383 AND 385, A COURSE IN TESTS AND MEASUREMENT, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
08192 LECT-DISC 10-12 TU 330 I H DEMARCO
11 TH 330 I H

SPCH 390 COMMUNICATION DISORDERS IN CHILDREN--HABILITATION AND REHABILITATION.
PREREQUISITE: SPCH. 383. SENIOR OR GRADUATE STANDING OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
08193 LECT-DISC 1-230 M W 113 D H SANDERS

SPCH 391 INTRODUCTION TO HEARING DISORDERS.
PREREQUISITE: SPCH. 375 AND 378, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.
08194 LECT-DISC 11 M W F 304 L H STARK

SPCH 393 AURAL REHABILITATION.
REQUIRED IN THE CURRICULUM OF TEACHER TRAINING IN SPEECH CORRECTION.
PREREQUISITE: SPCH. 391, A GRADE-POINT AVERAGE OF AT LEAST 3.5 AND CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
08195 LECT-DISC 10 M W F 304 L H NASCA

SPCH 395 AUDIOMETRY.
PREREQUISITE: SPCH. 391 OR CONSENT OF INSTRUCTOR.
3 HOURS, OR 1/2 OR 1 UNIT.
*LABORATORY PERIOD TO BE ARRANGED.
08196 LECT-DISC *1 M W F 324 I H STARK

SPCH 398 PRACTICUM IN AUDIOLOGY.
PREREQUISITE: SPCH. 389 AND 393.
*STUDENTS MAY REPEAT EITHER SPCH. 387 OR 398, BUT NOT BOTH, FOR 3 CREDIT HOURS.
*3 HOURS OR 1/2 UNIT.

08197	LECT-DISC	9	TU	106	SP CLINIC	ERICKSON

SPCH 412 THE ROMAN TRADITION IN RHETORIC AND ORATORY.
1 UNIT.

08198	LECT-DISC	9-1030	TU TH	121	L H	SHADOW

SPCH 436 SEMINAR IN THEORIES AND PROCEDURES OF DISCUSSION.
1 UNIT.

08199	LECT-DISC	2-5	TU	121	L H	DELIA

SPCH 438 SEMINAR IN RHETORICAL THEORY.
*MAY BE REPEATED UP TO A TOTAL OF 4 UNITS.
*1 UNIT.

08200	LECT-DISC A	ARR				WENZEL
08201	LECT-DISC B	1-4	TH	121	L H	NICHOLS

SPCH 442 SEMINAR IN ORAL INTERPRETATION.
PREREQUISITE: SPCH. 441, CONSENT OF INSTRUCTOR.
1 UNIT.

08202	LECT-DISC	ARR				GOLDEN

SPCH 443 SEMINAR IN THE ORAL INTERPRETATION OF INDIVIDUAL LITERARY STYLES.
PREREQUISITE: GRADUATE STANDING; SPCH. 344.
*COURSE MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1 UNIT.

08203	LECT-DISC	ARR				GOLDEN

SPCH 452 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE.
SAME AS THEAT. 452.
1 UNIT.

08204	LECT-DISC	11	TU TH	CONF RM KRAN

SPCH 466 THE AMERICAN THEATRE SINCE 1900.
SAME AS THEAT. 466.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

08205	LECT-DISC	11	M W F	CONF RM KRAN

SPCH 481 SEMINAR IN NEUROPATHOLOGIES OF SPEECH AND LANGUAGE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
*1 UNIT.
THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH SEMESTER:
SECTION A: NEUROLOGICAL ASPECTS.
SECTION B: APHASIA.
SECTION C: CEREBRAL PALSY.

08206	LECT-DISC C	1-230	TU TH	143	ADMIN	SANDERS

SPCH 486 ADVANCED CLINICAL TECHNIQUES IN SPEECH AND HEARING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 4 UNITS.
THE FOLLOWING TOPICS ARE OFFERED EACH SEMESTER:
*SECTION A: THEORY OF CLINICAL PRACTICE.
*SECTION B: SPEECH PATHOLOGY.
*SECTION C: AUDIOLOGY
*SECTION D: LANGUAGE DISORDERS.
*SECTION E: FIELD STUDY.

08207	LECT-DISC *A	9-11	TH	143	ADMIN	SANDERS
08208	LECT-DISC *B	ARR				
08209	LECT-DISC *C	ARR				
08210	LECT-DISC *D	ARR				
08211	LECT-DISC *E	ARR				

SPCH 489 SEMINAR IN OROFACIAL AND LARYNGEAL PATHOLOGIES OF SPEECH.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS.
*1 UNIT.
THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, EACH SEMESTER:
SECTION A: CLEFT PALATE.
SECTION B: ORGANIC VOCAL PROBLEMS.

08212	LECT-DISC	A	7-10PM	M	510 E CHALMERS		SIMPSON
08213	LECT-DISC	B	APR				HUNTER

SPCH 491 SEMINAR IN HEARING DISORDERS.
PREREQUISITE: SPCH. 391.
*MAY BE REPEATED FOR A MAXIMUM OF THREE UNITS.
*1 UNIT.
THE FOLLOWING TOPICS ARE OFFERED IN ROTATION, ONE OR TWO EACH SEMESTER:
SECTION A: AUTOMATIC AUDIOMETRY.
SECTION B: AURAL REHABILITATION.
SECTION C: HEARING AIDS AND AMPLIFICATION.

08214	LECT-DISC	B	APR				O'NEILL

SPCH 492 ADVANCED AUDIOLOGY.
PREREQUISITE: SPCH. 395 AND 397.
1 UNIT.

08215	LECT-DISC		ARR				STARK

SPCH 495 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF THE HEAD OF THE DEPARTMENT.
*OPEN TO MASTERS CANDIDATES FOR ONE UNIT, TO DOCTORS CANDIDATES FOR ONE OR TWO UNITS.
*1 OR 2 UNITS.
*SECTION C: ADVANCED STATISTICS.
*SECTION D: PHONETIC BEHAVIOR.
*SECTION E: LANGUAGE EVALUATION.
*SECTION F: SPEECH EDUCATION.
*SECTION G: TO BE ANNOUNCED.

08216	CONF	A	ARR				STAFF
08217	CONF	B	ARR				STAFF
08218	CONF	*C	9-11	M W	324	I H	DEMARCO
08219	CONF	*D	ARR				LOCKE
08220	CONF	*E	ARR				
08221	CONF	*F	ARR				DOYLE
08222	CONF	*G	APR				NEBERGALL

SPCH 499 THESIS RESEARCH.
0 TO 4 UNITS.
INSTRUCTORS: ANDERSEN, BEHRINGER, BROADRICK, BURNS, CLARK, HEWITT, INCE, KIM, LOCKE, MACLAY, NEBERGALL, NICHOLS, O'NEILL, SCOTT, SHATTUCK, STARK, WENZEL, ZEMLIN.

08223	CONF		APR				STAFF

DEPARTMENT OFFICE 4-122 KRANNERT CENTER

THEAT 100 PRACTICUM. I.
PREREQUISITE: CONSENT OF INSTRUCTOR FOR NON-THEATRE MAJORS.
1 TO 3 HOURS.
*FIVE HOURS TO BE ARRANGED.

08224	LAB	H	*4	W	DRAMA RHRS KRAN	KRAFFT
08225	LAB	X	*12	F	DRAMA RHRS KRAN	KRAFFT

THEAT 101 THEATRE: MODERN FORMS.
4 HOURS.

08226	LECT-DISC	9	M W F	CONF ROOM KRAN	KRAFFT
		10	F	CONF ROOM KRAN	

THEAT 102 THEATRE: CONTEMPORARY FORMS.
PREREQUISITE: THEAT. 101.
3 HOURS.

08227	LECT-DISC	11	M W F	DRAMA RHRS KRAN	AHART

THEAT 104 16TH AND 17TH CENTURY FORMS.
PREREQUISITE: THEAT. 101.
3 HOURS.

08228	LECT-DISC	1	M W F	DRAMA RHRS KRAN	KRAFFT

THEAT 112 MATERIALS AND PROCESSES: WOODS AND METALS.
2 HOURS.
*FIVE HOURS TO BE ARRANGED.

08229	LAB-DISC	*9	TU TH	SCENE SHOP KRAN	WORKS

THEAT 120 ELEMENTS OF STAGECRAFT.
SAME AS SPCH. 157.
NOT OPEN TO THEATRE MAJORS.
4 HOURS.

08230	LECT-DISC	1-3	TU TH	DRAMA RHRS KRAN	COMBS

THEAT 121 SCENECRAFT.
OPEN TO STUDENTS IN FINE AND APPLIED ARTS ONLY.
2 HOURS.
*FOUR HOURS TO BE ARRANGED.

08231	LECT-DISC	E	*1	M W	STUDIO THT KRAN	HABECKER
08232	LECT-DISC	P	*11	TU TH	STUDIO THT KRAN	HABECKER

THEAT 131 STAGE LIGHTING AND SOUND EFFECTS.
3 HOURS.

08233	LECT-DISC	11	TH	ORCH RHRSL KRAN	WHITFIELD
		12	TU TH	STUDIO THT KRAN	WHITFIELD

THEAT 140 COSTUME CONSTRUCTION.
2 HOURS.
THREE HOURS TO BE ARRANGED.

08234	LECT-DISC	3-5	M	COSTUME SP KRAN	LUDWIN
		12	TU	COSTUME SP KRAN	
		2-5	TU	COSTUME SP KRAN	

THEAT 141 MAKEUP FOR THE THEATRE. I.
2 HOURS.

08235	LAB-DISC	F	2-4	M W	PLAYHS DRS KRAN	KEENER
08236	LAB-DISC	R	1-3	TU TH	PLAYHS DRS KRAN	AMMONS

THEAT 142 MAKEUP FOR THE THEATRE. II.
PREREQUISITE: THEAT. 141.
2 HOURS.

08237	LAB-DISC	3-5	TU TH	PLAYHS DRS KRAN	FRANKLIN-WHITE

THEAT 170 FUNDAMENTALS OF ACTING.
SAME AS SPCH. 161.
3 HOURS.

08238	LECT-DISC	B	9	M W	160	ARMORY	RUSH
		B	10	M	160	ARMORY	
08239	LECT-DISC	C	9	F	160	ARMORY	RUSH
		C	10	W F	160	ARMORY	
08240	LECT-DISC	E	1	M W	160	ARMORY	SCHUTTLER
		E	2	W	160	ARMORY	
08241	LECT-DISC	L	8	TU TH	160	ARMORY	ANDERSON
		L	9	TU	160	ARMORY	
08242	LECT-DISC	P	10	TU TH	160	ARMORY	HOSMER
		P	11	TU	160	ARMORY	
08243	LECT-DISC	R	1	TU TH	160	ARMORY	SCHUTTLER
		R	2	TU	160	ARMORY	

THEAT 172 SPEECH FOR THE STAGE: DIALOGUE.
PREREQUISITE: THEAT. 171.
2 HOURS.

08244	LECT-DISC	X	12	M W F	CONF ROOM KRAN		MURRAY
08245	LECT-DISC	M	9	TU TH	B ENSEMBLE KRAN		BERKSON
		M	10	TU	B ENSEMBLE KRAN		
08246	LECT-DISC	R	1	TU TH	CONF ROOM KRAN		BERKSON
		R	2	TU	CONF ROOM KRAN		

THEAT 174 MOVEMENT FOR THE STAGE: IMPROVISATION.
2 HOURS.
*SECTION A1 IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST
ENROLL IN SECTION A2.

08247	LECT-DISC	*A1	3-5	TU TH	DRAMA RHRS KRAN		ANDERSON
08248	LECT-DISC	*A2	3-5	TU TH	DRAMA RHRS KRAN		

THEAT 175 MOVEMENT FOR THE STAGE: TECHNIQUES.
PREREQUISITE: THEAT. 174.
2 HOURS.

08249	LECT-DISC	B	9-11	M W	DRAMA RHRS KRAN		FRANKLIN-WHITE
08250	LECT-DISC	M	9-11	TU TH	DRAMA RHRS KRAN		FRANKLIN-WHITE

THEAT 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

08251	CONF		ARR				STAFF

THEAT 231 STAGE LIGHTING DESIGN.
PREREQUISITE: THEAT. 131.
3 HOURS.

08252	LECT-DISC		2	M W	STUDIO THT KRAN		BRADY
			3	M	STUDIO THT KRAN		

THEAT 241 COSTUME DESIGN.
PREREQUISITE: THEAT. 140.
3 HOURS.

08253	LECT-DISC		9-11	TU TH	DESIGN RM KRAN		BENSON

THEAT 271 ACTING: STUDIO. I.
PREREQUISITE: SECOND SEMESTER JUNIOR STANDING IN THE ACTING OPTION
OR CONSENT OF THE THEATRE FACULTY.
3 HOURS.

08254	LECT-DISC	F	2-4	M W	DRAMA RHRS KRAN		MURRAY
		F	4	M	DRAMA RHRS KRAN		
08255	LECT-DISC	D	11-1	TU TH	DRAMA RHRS KRAN		MURRAY
		D	10	F	DRAMA RHRS KRAN		

THEAT 280 FUNDAMENTALS OF DRAMATIC WRITING AND STRUCTURE.
SAME AS R. TV. 280 AND RHET. AND SPCH. 263.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS.

08256	LECT-DISC	E	12	W	B ENSEMBLE KRAN		AULETTA
		E	1	W F	B ENSEMBLE KRAN		
08257	LECT-DISC	R	1	TU TH	B ENSEMBLE KRAN		AULETTA
		R	2	TU	B ENSEMBLE KRAN		

THEAT 281 DIRECTING. I.
SAME AS SPCH. 255.
PREREQUISITE: THEAT. 170 OR 176, AND JUNIOR STANDING.
3 HOURS.
*SECTION M IS FOR THEATRE MAJORS ONLY. ALL OTHER STUDENTS MUST ENROLL IN SECTION B.

08258	LECT-DISC	*B	9	M W	STUDIO THT KRAN	AMMONS
		*B	10	W	STUDIO THT KRAN	
08259	LECT-DISC	*M	9	TU TH	STUDIO THT KRAN	TYMCHYSHYN
		*M	10	TU	STUDIO THT KRAN	

THEAT 291 INDIVIDUAL TOPICS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
2 HOURS.

08260	CONF		ARR			STAFF

THEAT 292 INDIVIDUAL TOPICS.
2 HOURS.

08261	CONF		ARR			STAFF

THEAT 300 PRACTICUM. II.
PREREQUISITE: FOR NON-THEATRE MAJORS: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED TO A TOTAL OF 12 HOURS OR 2 UNITS
*1 TO 3 HOURS. OR 1/4 TO 1/2 UNIT.
FIVE HOURS TO BE ARRANGED.

08262	LAB	X	12	M	DRAMA RHRS KRAN	KRAFFT
08263	LAB	N	10	TH	STUDIO THT KRAN	KRAFFT

THEAT 310 THEATRE PLANNING AND PROGRAMMING.
2 HOURS OR 1/2 UNIT.

08264	LECT-DISC		9	TU TH	CONF ROOM KRAN	WORKS

THEAT 320 SCENE DESIGN. II.
PREREQUISITE: THEAT. 222 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

08265	LECT-DISC		9-11	M W F	DESIGN RM KRAN	WORKS

THEAT 354 THEATRE FOR THE CHILD AUDIENCE.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

08266	LECT-DISC		11	M W F	STUDIO THT KRAN	TYMCHYSHYN

THEAT 362 HISTORY OF THE EUROPEAN THEATRE FROM THE RENAISSANCE TO 1900.
SAME AS SPCH. 362.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS. OR 1/2 OR 1 UNIT.

08267	LECT-DISC		2	M W F	CONF ROOM KRAN	SCOTT

THEAT 371 ACTING: STUDIO II.
PREREQUISITE: SECOND SEMESTER SENIOR STANDING IN THE ACTING OPTION OR CONSENT OF THE THEATRE FACULTY.
3 HOURS OR 1/2 UNIT.

08268	LECT-DISC		1-3	TU TH	STUDIO THT KRAN	ARBENZ
			3	TU	STUDIO THT KRAN	

THEAT 380 ADVANCED DRAMATIC WRITING.
SAME AS R. TV. AND SPCH. 363.
PREREQUISITE: THEAT. 280: CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE SIX HOURS OR TWO UNITS.
*3 HOURS. OR 1/2 OR 1 UNIT.

08269	LECT-DISC		3-6	W	CONF ROOM KRAN	AULETTA

THEAT 381 DIRECTING. II.
PREREQUISITE: THEAT. 281.
3 HOURS OR 1/2 UNIT.

08270	LECT-DISC		3	TH	STUDIO THT KRAN	AHART
			4	TU TH	STUDIO THT KRAN	

THEAT 452 PROBLEMS IN PLAY PRODUCTION IN THE EDUCATIONAL THEATRE.
SAME AS SPCH. 452.
1 UNIT.

08271	LECT-DISC		11	TU TH	CONF ROOM KRAN	BEHRINGER

THEAT 466 THE AMERICAN THEATRE SINCE 1900.
SAME AS SPCH. 466.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 UNIT.

08272	LECT-DISC	11	M W F	CONF ROOM KRAN	APBENZ

THEAT 491 SPECIAL PROBLEMS.
1/2 TO 2 UNITS.

08273	CONF	ARR	STAFF

THEORETICAL AND APPLIED MECHANICS

DEPARTMENT OFFICE 212 T L

T A M 150 ANALYTICAL MECHANICS--STATICS.
PREREQUISITE: PHYCS. 101 OR 106 OR L. A. S. 141 AND REGISTRATION IN MATH. 140, 145 OR 141.
2 HOURS.

08274	LECT-DISC	M	9	TU TH	105G WOODSHOP
08275	LECT-DISC	R	1	TU TH	105G WOODSHOP

T A M 152 ENGINEERING MECHANICS, I--STATICS.
PREREQUISITE: PHYCS. 106 AND REGISTRATION IN MATH. 140, 145 OR 141.
3 HOURS.

08276	LECT-DISC	C	10	M W F	105G WOODSHOP
08277	LECT-DISC	G	3	M W F	105G WOODSHOP

T A M 154 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 140, 145, OR 141.
4 HOURS.

08278	LECT-DISC	A	9	MTU THF	105F WOODSHOP
08279	LECT-DISC	C	10	MTU THF	105F WOODSHOP
08280	LECT-DISC	D	11	MTU THF	105F WOODSHOP
08281	LECT-DISC	E	1	MTU THF	105F WOODSHOP
08282	LECT-DISC	F	2	MTU THF	105F WOODSHOP
08283	LECT-DISC	G	3	MTU THF	105F WOODSHOP

T A M 156 ANALYTICAL MECHANICS--STATICS AND DYNAMICS.
PREREQUISITE: PHYCS. 101 OR 106. REGISTRATION IN MATH. 140, 145, OR 141.
5 HOURS.

08284	LECT-DISC	B	9	MTUWTHF	105B WOODSHOP

T A M 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

08285	CONF	ARR

T A M 211 ANALYTICAL MECHANICS--DYNAMICS.
PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 140, 145, OR 141.
3 HOURS.

08286	LECT-DISC	B	9	M W F	102 WOODSHOP
08287	LECT-DISC	C	10	M W F	102 WOODSHOP
08288	LECT-DISC	G	3	M W F	102 WOODSHOP

T A M 212 ENGINEERING MECHANICS, II--DYNAMICS.
PREREQUISITE: PHYCS. 106, T. A. M. 152, MATH. 141.
3 HOURS.

08289	LECT-DISC	B	9	M W F	105G WOODSHOP
08290	LECT-DISC	D1	11	M W F	105G WOODSHOP
08291	LECT-DISC	D2	11	M W F	102 WOODSHOP
08292	LECT-DISC	E	1	M W F	105G WOODSHOP
08293	LECT-DISC	M	930-11	TU TH	102 WOODSHOP

T A M 221 ELEMENTARY MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 150 OR EQUIVALENT. MATH. 140. 145. OR 141.
3 HOURS.

08294	LECT-DISC	A	8	M W F	105F WOODSHOP
08295	LECT-DISC	C1	10	M W F	104 WOODSHOP
08296	LECT-DISC	C2	10	M W F	105B WOODSHOP
08297	LECT-DISC	D1	11	M W F	104 WOODSHOP
08298	LECT-DISC	D2	11	M W F	105B WOODSHOP
08299	LECT-DISC	E	1	M W F	105B WOODSHOP
08300	LECT-DISC	F	2	M W F	105B WOODSHOP
08301	LECT-DISC	G	3	M W F	105B WOODSHOP
08302	LECT-DISC	H	930-11	TU TH	306B T L
08303	LECT-DISC	S	230-4	TU TH	105B WOODSHOP

T A M 223 MECHANICAL BEHAVIOR OF SOLIDS.
PREREQUISITE: REGISTRATION IN T. A. M. 221.
1 HOUR.

08304	LAB	N	10-12	TU	225 T L
08305	LAB	R	1-3	TH	225 T L
08306	LAB	T	3-5	TU	225 T L

T A M 224 BEHAVIOR OF MATERIALS.
PREREQUISITE: T. A. M. 221.
3 HOURS.

08307	LECT-DISC	A	8	M W F	225A T L
08308	LECT-DISC	C	10	M W F	225A T L
08309	LECT-DISC	D	11	M W F	225A T L
08310	LECT-DISC	E	2	M W F	225A T L

T A M 235 FLUID MECHANICS.
PREREQUISITE: T. A. M. 211 OR 212.
4 HOURS.

08311	LECT-DISC	B	9	M W F	305 T L
	LAB	B	3-5	TH	126 T L
08312	LECT-DISC	C	10	M W F	305 T L
	LAB	C	10-12	TU	126 T L
08313	LECT-DISC	D	11	M W F	305 T L
	LAB	D	10-12	TH	126 T L
08314	LECT-DISC	E	1	M W F	305 T L
	LAB	E	3-5	TU	126 T L
08315	LECT-DISC	F	2	M W F	305 T L
	LAB	F	8-10	TU	126 T L
08316	LECT-DISC	G	3	M W F	305 T L
	LAB	G	1-3	TU	126 T L

T A M 294 SENIOR RESEARCH PROJECT.
PREREQUISITE: T. A. M. 293.
4 HOURS.

08317	LECT-DISC	R	1-3	TU TH	225A T L

T A M 299 THESIS.
PREREQUISITE: SENIOR STANDING, APPROVAL OF HEAD OF DEPARTMENT.
3 HOURS.

08318	CONF		ARR

T A M 311 MECHANICAL VIBRATIONS.
PREREQUISITE: T. A. M. 154 OR I56 OR 211 OR 212 AND 221.
#CREDIT IS NOT GIVEN FOR BOTH C. E. 374 AND T. A. M. 311.
#3 HOURS, OR 1/2 TO 1 UNIT.

08319	LECT-DISC	E	1	M W F	306B T L

T A M 314 ADVANCED DYNAMICS FOR ENGINEERS.
PREREQUISITE: T. A. M. 211 OR EQUIVALENT, MATH. 341 OR 345.
3 HOURS OR 1 UNIT.

08320	LECT-DISC	D	11	M W F	306B T L

T A M 315 ADVANCED DYNAMICS WITH APPLICATIONS TO ENGINEERING PROBLEMS.
PREREQUISITE: T. A. M. 314 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

08321	LECT-DISC	A	8	M W F	306B T L

T A M 321 ADVANCED MECHANICS OF DEFORMABLE BODIES.
PREREQUISITE: T. A. M. 221 AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT.

08322	LECT-DISC	F	2	M W F	306B T L

T A M 326 EXPERIMENTAL STRESS ANALYSIS.
PREREQUISITE: T. A. M. 150, 211, 212, 221, AND 223 OR 224.
3 HOURS, OR 1/2 TO 1 UNIT.

08323	LAB-DISC	N	10-12	TU TH	302C T L	

T A M 334 FLUID MECHANICS AND ADVANCED HYDRAULICS.
PREREQUISITE: T. A. M. 235.
3 HOURS, OR 3/4 OR 1 UNIT.

08324	LECT-DISC	C	10	M W F	306B T L	

T A M 335 DYNAMICS OF FLUIDS.
PREREQUISITE: T. A. M. 235.
3 HOURS, OR 3/4 OR 1 UNIT.

08325	LECT-DISC	C	10	M W F	105C WOODSHOP	

T A M 346 DIMENSIONAL ANALYSIS AND THEORY OF MODELS.
3 HOURS, OR 1/2 OR 1 UNIT.

08326	LECT-DISC	H	4	M W F	306B T L	

T A M 360 CONTINUUM MECHANICS, I.
PREREQUISITE: T. A. M. 351 OR EQUIVALENT.
3 HOURS OR 1 UNIT.

08327	LECT-DISC	N	10-1130	TU TH	105C WOODSHOP	

T A M 373 ENGINEERING ACOUSTICS.
SAME AS E. E. 373.
PREREQUISITE: SENIOR STANDING WITH CREDIT IN MATH. 345 OR EQUIVALENT, OR CONSENT OF INSTRUCTOR.
*STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH T.A.M. 373 AND E. E. 374.
*3 HOURS, OR 3/4 TO 1 UNIT.

08328	DISC	D1	11	M W F	169 E E B	

T A M 400 SEMINAR IN ENGINEERING MECHANICS.
* MAY BE REPEATED.
*0 TO 1/4 UNIT.

08329	LECT-DISC	AM	ARR			
08330	LECT-DISC	DEF	ARR			
08331	LECT-DISC	DYN	ARR			
08332	LECT-DISC	FLU	ARR			
08333	LECT-DISC	MTL	ARR			

T A M 412 VIBRATION ANALYSIS.
PREREQUISITE: T. A. M. 311 OR EQUIVALENT.
1 UNIT.

08334	LECT-DISC	R	1-220	TU TH	306B T L	

T A M 418 STOCHASTIC PROCESSES IN ENGINEERING.
SAME AS A. A. E. 453 AND E. E. 438.
PREREQUISITE: A. A. E. 452, E. E. 434, T. A. M. 417, OR EQUIVALENT.
1 UNIT.

08335	LECT-DISC	A	10-1130	TU TH	203 T B	

T A M 424 PROPERTIES OF ENGINEERING MATERIALS.
1/2 OR 1 UNIT.

08336	LECT-DISC	L	8-10	TU TH	225A T L	CORTEN

T A M 426 STRESS AND DEFORMATION IN ENGINEERING COMPONENTS.
PREREQUISITE: T. A. M. 321 OR EQUIVALENT.
1/2 TO 1 UNIT.

08337	LECT-DISC	C	1	M W F	105C WOODSHOP	SIDEBOTTOM

T A M 432 THEORY OF FLOW OF VISCOUS FLUIDS.
PREREQUISITE: AN ELEMENTARY COURSE IN FLUID FLOW AND DIFFERENTIAL EQUATIONS.
1 UNIT.

08338	LECT-DISC	L	8-10	TU TH	305 T L	ROBERTSON

T A M 442 APPLIED ANALYSIS IN ENGINEERING, II.
PREREQUISITE: MATH. 141.
1 UNIT.

08339	LECT-DISC	A	8	M W F	105G WOODSHOP	COSTELLO

T A M 451 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS. I.
PREREQUISITE: T. A. M. 221, MATH. 343, 341 OR EQUIVALENT.
1 UNIT.

08340	LECT-DISC	N	10-12	TU TH	105B WOODSHOP	

T A M 452 THEORY OF ELASTICITY WITH APPLICATION TO ENGINEERING PROBLEMS. II.
PREREQUISITE: T. A. M. 451.
1 UNIT.

08341	LECT-DISC	B	9	M W F	105C WOODSHOP	BORESI

T A M 454 THEORY OF SHELLS.
PREREQUISITE: T. A. M. 451.
1 UNIT.

08342	LECT-DISC	G	3	M W F	105C WOODSHOP	

T A M 458 WAVE MOTION IN CONTINUOUS MEDIA.
PREREQUISITE: T. A. M. 311, 314, 451, MATH. 341, 342, 343, OR EQUIVALENT.
1 UNIT.

08343	LECT-DISC	C	1	M W F	102 WOODSHOP	STIPPES

T A M 462 THEORY OF PLASTICITY.
PREREQUISITE: T. A. M. 451 OR EQUIVALENT.
1/2 OR 1 UNIT.

08344	LECT-DISC	S	230-4	TU TH	305 T L	MCLAUGHLIN

T A M 464 THEORY OF BUCKLING.
PREREQUISITE: T. A. M. 416 AND 451.
1/2 OR 1 UNIT.

08345	LECT-DISC	F	2	M W F	105C WOODSHOP	COSTELLO

T A M 467 THERMOMECHANICS IN NUCLEAR REACTOR SYSTEMS.
SAME AS NUC. E. 467.
PREREQUISITE: NUC. E. 401, OR CONSENT OF INSTRUCTOR.
1 UNIT.

08346	LECT-DISC	B	11	M W F	105C WOODSHOP	BORESI

T A M 472 ADVANCED PHOTOELASTICITY.
PREREQUISITE: T. A. M. 326 AND 451 OR CONSENT OF INSTRUCTOR.
1 UNIT.

08347	LAB-DISC	L	830-10	TU TH	302C T L	TAYLOR

T A M 493 ADVANCED INDEPENDENT STUDY--SPECIAL RESEARCH.
1/2 TO 2 UNITS.

08348	LECT-DISC	MIL	9	M W F	306B T L	MILLER
08349	CONF	X1	ARR			STAFF
08350	CONF	X2	ARR			STAFF

T A M 499 THESIS RESEARCH.
0 TO 4 UNITS.

08351	CONF	AM	ARR			STAFF
08352	CONF	DEF	ARR			STAFF
08353	CONF	DYN	ARR			STAFF
08354	CONF	FLU	ARR			STAFF
08355	CONF	MTL	ARR			STAFF

UKRAINIAN

SLAVIC LANGUAGES AND LITERATURES

DEPARTMENT OFFICE 260 L H

UKR 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.

08356	CONF		APR					

UKR 396 THE STRUCTURE OF UKRAINIAN.
PREREQUISITE: RUSS. 104 OR EQUIVALENT.
3 HOURS OR 3/4 UNIT.

08357	LECT-DISC		8	M	W	F	G52 F L B	KLEIN

URBAN PLANNING

DEPARTMENT OFFICE 909 W. NEVADA

U P 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A: SELECTED TOPICS.
SECTION B: PLANNING ORIENTATION.

08358	LECT-DISC	A	APR					STAFF
08359	LECT-DISC	B	APR				1001 W NEVADA	PATTON & STAFF

U P 240 PLANNING INTERNSHIP.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
2 TO 6 HOURS.

08360	PRACT		APR					STAFF

U P 260 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF HEAD OF DEPARTMENT.
2 TO 6 HOURS.

08361	CONF		APR					STAFF

U P 337 URBAN PLANNING STUDIO. II.
PREREQUISITE: U.P. 236 OR CONSENT OF INSTRUCTOR.
6 HOURS. OR 1 TO 1 1/2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.
*SECTION A: NEW TOWN PLANNING AND DEVELOPMENT.
*SECTION B: TO BE ANNOUNCED.
*SECTION C: TO BE ANNOUNCED.

08362	LAB-DISC	*A	8-12	M	W	F	1001 W NEVADA	FRUEND
08363	LAB-DISC	*B	8-12	M	W	F	1001 W NEVADA	STAFF
08364	LAB-DISC	*C	8-12	M	W	F	1001 W NEVADA	STAFF

U P 338 URBAN PLANNING STUDIO. III.
PREREQUISITE: U. P. 337 OR CONSENT OF INSTRUCTOR.
6 HOURS. OR 1 TO 1 1/2 UNITS.
*ADDITIONAL HOURS TO BE ARRANGED.
*SECTIONS A AND B: OMNIBUS II.
*SECTION C AND D: CONTINUATION TOPICS.

08365	LAB-DISC	*A	1-6	M	W	F	807 S LINCOLN	HEUMANN/PATTON WETMORE
08366	LAB-DISC	*B *	1-6	M	W	F	807 S LINCOLN	HEUMANN/PATTON WETMORE
08367	LAB-DISC	*C *	1-6	M	W	F	807 S LINCOLN	PATTON. PELTZ WETMORE
08368	LAB-DISC	*D *	1-6	M	W	F	807 S LINCOLN	KEYES. FORREST BLAIR

U P 340 ADVOCACY PLANNING FIELD WORK.
PREREQUISITE: SENIOR STANDING OR CONSENT OF INSTRUCTOR.
2 TO 6 HOURS. OR 1/2 TO 1 1/2 UNITS.

08369	PRACT		APR					STAFF

U P 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., G. E., GEOG. M. E. AND V. M. 348
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

08370	LECT-DISC	3-5	W	218	M E B	FREUND

U P 378 PLANNING LEGISLATION AND ADMINISTRATION.
PREREQUISITE: POL. S. 150, 151 OR 305, 306, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

08371	LECT-DISC	1030-12	TU TH	153	A S L	FORREST

U P 380 SURVEY OF REGIONAL PLANNING.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

08372	LECT-DISC	9-1030	TU TH	153	A S L	KEYES

U P 382 THE LANGUAGE AND THOUGHT OF URBAN PLANNING.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3 HOURS OR 1/2 UNIT.

08373	LECT-DISC	1030-12	TU TH	312	D K H	GUTTENBERG

U P 384 URBAN DESIGN AND PLANNING METHODS.
PREREQUISITE: U. P. 171, OR CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

08374	LECT-DISC	1030-12	M W	312	D H	BLAIR

U P 437 ADVANCED URBAN PLANNING STUDIO.
PREREQUISITE: U. P. 337, 338 AND 374 OR CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.
*SECTION A: COLLABORATIVE URBAN DESIGN.
*SECTION B: ENVIRONMENTAL PLANNING.
*SECTION C: SOCIAL PLANNING.
*SECTION D: PLANNING METHODS.
*SECTION E: INTERGOVERNMENTAL PLANNING.
*SECTIONS F AND G: CONTINUATION TOPICS.

08375	LAB-DISC *A	1-4	MTUWTHF	403A	ARCH	STAFF
08376	LAB-DISC *B	1-5	M W F	807	S LINCOLN	BLAIR
08377	LAB-DISC *C	1-5	M W F	807	S LINCOLN	PELTZ
08378	LAB-DISC *D	1-5	M W F	807	S LINCOLN	PATTON
08379	LAB-DISC *E	1-5	M W F	807	S LINCOLN	WETMORE
08380	LAB-DISC F	1-5	M W F	807	S LINCOLN	PATTON, PELTZ WETMORE
08381	LAB-DISC G	1-5	M W F	807	S LINCOLN	KEYES, FORREST

U P 440 PROFESSIONAL INTERNSHIP.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1 TO 2 UNITS.

08382	PRACT	ARR				STAFF

U P 443 HOUSING AND URBAN POLICY PLANNING.
PREREQUISITE: UNDERGRADUATE COURSE IN MICRO-MACRO ECONOMICS OR CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

08383	LECT-DISC	ARR		1001	W NEVADA	HEUMANN

U P 477 ECONOMICS FOR URBAN PLANNERS.
PREREQUISITE: CALCULUS: FIRST COURSE IN ECONOMICS DESIRABLE BUT NOT NECESSARY.
1 UNIT.

08384	LECT-DISC	ARR		1001	W NEVADA	BAGBY

U P 487 SEMINAR.
PREREQUISITE: U. P. 374.
1/2 UNIT.
*SECTION A: MATHEMATICS FOR URBAN PLANNERS.
*SECTION B: TRANSPORTATION.
*SECTION C: SOCIAL POLICY PLANNING.
*SECTION D: TO BE ANNOUNCED.

08385	CONF *A	ARR		1202	W CAL	BAGBY
08386	CONF *B	ARR		1202	W CAL	STUART
08387	CONF *C	ARR		1202	W CAL	JACOBS
08388	CONF *D	ARR		1202	W CAL	STAFF

U P 488 URBAN PLANNING RESEARCH.
PREREQUISITE: U. P. 171 OR CONSENT OF INSTRUCTOR.
1/2 TO 2 UNITS.

08389	CONF	ARR		STAFF

U P 499 THESIS RESEARCH.
PREREQUISITE: GRADUATE STANDING IN URBAN PLANNING.
1/2 TO 2 UNITS.

08390	CONF	ARR		STAFF

VETERINARY BIOLOGICAL STRUCTURE

DEPARTMENT OFFICE 335 V M

PROFESSIONAL COURSES

V B S 302 GROSS ANATOMY.
PREREQUISITE: V. B. S. 300 AND 301 OR CONSENT OF INSTRUCTOR.
4 HOURS.

08391	LAB-DISC		10-12	TU TH	350	V M	ST. CLAIR
			2-4	TU TH	350	V M	

V B S 303 MICROSCOPIC ORGANOLOGY.
PREREQUISITE: V. B. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
3 HOURS.

08392	LECT		1	TU TH	150	V M	LOVELL
08393	LAB	A	8-10	M W	334	V M	STAFF
08394	LAB	B	2-4	M W	334	V M	

V B S 304 APPLIED ANATOMY.
PREREQUISITE: REGISTRATION IN THE THIRD YEAR OF THE VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
2 HOURS.

08395	LECT		3	TH	136	V M	MARSHALL
08396	DISC	A	2-4	W	350	V M	
08397	DISC	B	2-4	F	350	V M	

V B S 305 DEVELOPMENTAL ANATOMY.
PREREQUISITE: V. B. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
3 HOURS.

08398	LECT		1	M W F	150	V M	SAFANIE

DEPARTMENT OFFICE 244 V M A C H

PROFESSIONAL COURSES

V C M 364 DISEASES OF LARGE ANIMALS.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
5 HOURS.

08399	LECT		8	MTUWTHF		V M A C H	BRODIE

V C M 365 SPECIAL VETERINARY SURGERY.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

08400	LECT		1	M THF		V M A C H	HARDENBROOK
			3	TU		V M A C H	
08401	LAB	A	9-12	TU		V M A C H	
08402	LAB	B	9-12	TH		V M A C H	

V C M 366 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM.
2 HOURS.

08403	LAB	A	9-12	M		V M A C H	STAFF
08404	LAB	B	9-12	F		V M A C H	

V C M 367 RADIOLOGY.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
2 HOURS.

08405	LECT		1	TU		V M A C H	SLUSHER
	LAB		9-11	W		V M A C H	

V C M 372 VETERINARY JURISPRUDENCE AND ETHICS.
3 HOURS.

08406	LECT-DISC		9	M F	40	V M A C H	BOLEY
			10	TH	40	V M A C H	

V C M 373 SEMINAR.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
1 HOUR.

08407	DISC		10	TU	40	V M A C H	STAFF

V C M 374 CLINICAL AND LABORATORY PRACTICE.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM.
8 HOURS.

08408	LECT		11	MTUWTHF		V M A C H	STAFF
	LAB		1-5	MTUWTHF		V M A C H	
			8-12	S		V M A C H	

V C M 375 REPRODUCTION, OBSTETRICS AND GENITAL DISEASES.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM AND V. C. M. 363.
2 HOURS.

08409	LECT		1	W		V M A C H	EAGELMAN
08410	LAB	A	9-12	M		V M A C H	
08411	LAB	B	9-12	F		V M A C H	

DEPARTMENT OFFICE 141 V M

V M S 302 GROSS ANATOMY.
PREREQUISITE: V. M. S. 300 OR CONSENT OF INSTRUCTOR.
1 UNIT.

08412	LAB-DISC		10-12	TU TH	350	V M	ST. CLAIR
			2-4	TU TH	350	V M	

V M S 303 MICROSCOPIC ORGANOLOGY.
PREREQUISITE: V. M. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

08413	LECT		1	TU TH	150	V M	LOVELL,SAFANIE
08414	LAB	A	8-10	M W	334	V M	
08415	LAB	B	2-4	M W	334	V M	

V M S 305 DEVELOPMENTAL ANATOMY.
PREREQUISITE: V. M. S. 300 AND 301, OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

08416	LECT		1	M W F	150	V M	SAFANIE

V M S 316 VETERINARY PHYSIOLOGY AND PHARMACOLOGY.
PREREQUISITE: V. M. S. 315 OR CONSENT OF INSTRUCTOR.
1 UNIT.

08417	LECT-DISC		9	TU TH	253	V M	JACKSON,
			8	F	136	V M	NEWTON
08418	LAB	A	1-5	TU	266	V M	
08419	LAB	B	1-5	TH	266	V M	

V M S 318 PHARMACOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN V. M. S. 315 AND 316 AND CONSENT OF INSTRUCTOR.
1 UNIT.

08420	LECT-DISC		1	M W F	253	V M	HUBER,BORCHARD
08421	LAB	A	9-12	F	266	V M	
08422	LAB	B	2-5	F	266	V M	

V M S 335 SPECIAL PATHOLOGY.
PREREQUISITE: V. M. S. 334 OR EQUIVALENT AND CONSENT OF INSTRUCTOR.
1 UNIT.

08423	LECT		8	M	136	V M	BEAMER
			10	TU TH	136	V M	
08424	LAB	A	9-11	M W F	132	V M	
08425	LAB	B	2-4	M W F	132	V M	

V M S 336 HELMINTH PARASITES.
PREREQUISITE: 20 HOURS IN CHEMISTRY OR ANIMAL BIOLOGY OR BOTH. CONSENT OF INSTRUCTOR.
3/4 UNIT.

08426	LECT		8	TU TH	136	V M	FITZGERALD,
							TODD
08427	LAB	A	1-4	TU	168	V M	
08428	LAB	B	1-4	TH	168	V M	

V M S 340 INTRODUCTION TO APPLIED STATISTICS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND HORT. 340.
PREREQUISITE: MATH. 111 OR 112 OR 104, OR EQUIVALENT.
4 HOURS OR 3/4 UNIT.

08429	LAB-DISC	1	1-3	TU	W223	T H	
	LECT		9	TU TH	W109	T H	SEIF
08430	LAB-DISC	2	3-5	TU	W223	T H	
	LECT		9	TU TH	W109	T H	
08431	LAB-DISC	3	1-3	W	N107	T H	
	LECT		9	TU TH	W109	T H	
08432	LAB-DISC	4	3-5	W	W223	T H	
	LECT		9	TU TH	W109	T H	

V M S 348 AIR POLLUTION SEMINAR.
SAME AS AG. E., C. E., G. E., GEOG., M. E., AND U. P. 348.
PREREQUISITE: SENIOR OR GRADUATE STANDING.
2 HOURS OR 1/2 UNIT.

08433	LECT-DISC		3-5	W	218	M E B	

V M S 374 PROBLEMS IN HUMAN ECOLOGY.
SAME AS ANTH., GEOG., H. ED., PHYSL., PSYCH., AND SOC. 374.
PREREQUISITE: ANTH., GEOG., H. ED., PHYSL., SOC., V.M.S. OR ZOOL. 369.
4 HOURS OR 1 UNIT.
*ONE DISCUSSION HOUR TO BE ARRANGED.

08434	LECT-DISC	*11	M	W	F	393	BEV HALL	
	DISC	*ARR						

V M S 392 SPECIAL PROBLEMS.
PREREQUISITE: REGISTRATION IN VETERINARY CURRICULUM WITH GRADE POINT AVERAGE OF 3.5 OR ABOVE.
*STUDENTS MAY ACCUMULATE ONE UNIT.
*1/2 UNIT.

08435	LAB	ARR	STAFF

V M S 415 MECHANISMS OF MICROBIAL INFECTIONS.
PREREQUISITE: MCBIO. 326 OR V. M. S. 332, OR EQUIVALENT, AND CONSENT OF INSTRUCTOR.
3/4 UNIT.

08436	LECT-DISC	ARR	RISTIC

V M S 419 ANIMAL VIROLOGY.
SAME AS MCBIO. 419.
PREREQUISITE: MCBIO. 326 AND 327 OR V. M. S. 331 AND 332; CHEM. 350 OR 354; CONSENT OF INSTRUCTOR
3/4 UNIT.

08437	LAB-DISC		10-12	M	W	F	262	V M	MEYER

V M S 425 EXPERIMENTAL PARASITOLOGY.
SAME AS ZOOL. 425.
PREREQUISITE: A LABORATORY COURSE IN PARASITOLOGY OR PROTOZOOLOGY, ORGANIC CHEMISTRY, CHEM. 350 AND STATISTICS.
1 UNIT.

08438	LECT-DISC	ARR	FITZGERALD, SILVERMAN

V M S 440 DESIGN AND ANALYSIS OF BIOLOGICAL EXPERIMENTS.
SAME AS AG. E., AGRON., AN. S., D. S., F. S., FOR., AND HORT. 440.
PREREQUISITE: V. M. S. 340 OR EQUIVALENT.
3/4 UNIT.

08439	LAB-DISC	1	1-3		TH	W223	T H		
	LECT		9	M	W	W115	T H		SEIF
08440	LAB-DISC	2	3-5		TH	W223	T H		
	LECT		9	M	W	W115	T H		

V M S 459 ADVANCED CORRELATIVE PATHOLOGY.
PREREQUISITE: V. M. S. 308, 335, 445, 450, OR EQUIVALENT; CONSENT OF INSTRUCTOR.
0 TO 1 1/2 UNITS.

08441	LAB-DISC	ARR	SIMON, WATRACH

V M S 461 ADVANCED VETERINARY PHARMACOLOGY.
PREREQUISITE: CONSENT OF INSTRUCTOR.
3/4 UNIT.

08442	LAB-DISC	ARR	LINK

V M S 463 RADIOISOTOPES IN BIOLOGICAL RESEARCH--PRINCIPLES AND PRACTICE.
SAME AS AN. S. 463 AND BIOPH 463.
PREREQUISITE: QUANTITATIVE CHEMISTRY, ONE YEAR OF MATHEMATICS, PHYSICS, BIOLOGY AND/OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

08443	LECT		11	M	W	253	V M		TWARDOCK AND BUBAR
08444	LAB	A	1-5		TU	232	V M		
08445	LAB	B	1-5		W	232	V M		
08446	LAB	C	1-5		TH	253	V M		

V M S 465 COMPARATIVE PHARMACODYNAMICS.
PREREQUISITE: THREE COURSES IN BIOLOGY, FOUR COURSES IN CHEMISTRY INCLUDING BIOCHEMISTRY, AND CONSENT OF INSTRUCTOR.
3/4 UNIT.

08447	LECT-DISC	12	M	W	F	393	BEV HALL	HUBER ET AL.

V M S 490 SEMINAR.
REQUIRED OF GRADUATE STUDENTS WHOSE MAJOR IS VETERINARY MEDICAL SCIENCE.
1/4 UNIT.

08448	DISC		ARR	STAFF

V M S 492 SPECIAL PROBLEMS.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/4 TO 1 UNIT.

08449	LAB		ARR	STAFF

V M S 499 THESIS RESEARCH.
0 TO 4 UNITS.

08450	LAB		ARR	STAFF

VETERINARY MEDICINE

V M 392 SPECIAL PROBLEMS.
PREREQUISITE: PROFESSIONAL STANDING IN VETERINARY CURRICULUM AND GRADE POINT AVERAGE OF 3.5.
*STUDENTS MAY ACCUMULATE 6 HOURS, OR 1 UNIT
*3 HOURS OR 1/2 UNIT.

08451	LAB-DISC		ARR	STAFF

VETERINARY PATHOLOGY AND HYGIENE

DEPARTMENT OFFICE 61 V M

PROFESSIONAL COURSES

V P H 331 VETERINARY BACTERIOLOGY.
PREREQUISITE: FIRST YEAR STANDING IN VETERINARY MEDICINE CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

08452	LECT		11	M W F	136	V M		BRYAN,
08453	LAB	A	8-10	M W F	168	V M		RHOADES
08454	LAB	B	2-4	M W F	168	V M		

V P H 335 SPECIAL PATHOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

08455	LECT		8	M W	136	V M		SIMON
			10	TU	136	V M		SIMON
08456	LAB	A	9-11	M W F	132	V M		
08457	LAB	B	2-4	M F	132	V M		
		B	3-5	W	132	V M		

V P H 336 HELMINTH PARASITES.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
3 HOURS.

08458	LECT		8	TU TH	136	V M		TODD,
08459	LAB	A	1-4	TU	168	V M		FITZGERALD
08460	LAB	B	1-4	TH	168	V M		

V P H 337 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: THIRD YEAR STANDING IN PROFESSIONAL CURRICULUM.
0 CREDIT.

08461	LECT-DISC		11	W	40	V M A C H	SIMON & STAFF

V P H 339 CLINICAL PATHOLOGY CONFERENCE.
PREREQUISITE: V. P. H. 337.
0 CREDIT.

08462	LECT-DISC		10	W	40	V M A C H	SIMON & STAFF

V P H 341 FOOD HYGIENE AND PUBLIC HEALTH.
PREREQUISITE: FOURTH YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
5 HOURS.

08463	LECT-DISC		8-10	TUWTH	40	V M A C H	GRIGOR, MORGAN MARTIN

VETERINARY PHYSIOLOGY AND PHARMACOLOGY

DEPARTMENT OFFICE 263 V M

PROFESSIONAL COURSES

V P P 316 VETERINARY PHYSIOLOGY AND PHARMACOLOGY.
PREREQUISITE: V. P. P. 315 OR CONSENT OF INSTRUCTOR.
4 HOURS.

08464	LECT-DISC		9	TU TH	253	V M	JACKSON,
			2	W	253	V M	NEWTON &
08465	LAB	A	1-5	TU	266	V M	STAFF
08466	LAB	B	1-5	TH	266	V M	

V P P 318 PHARMACOLOGY.
PREREQUISITE: SECOND YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
4 HOURS.

08467	LECT-DISC		1	M W F	253	V M	HUBER,
	LAB		8-11	F	266	V M	BORCHARD
			2-5	F	266	V M	

V P P 324 VETERINARY NUTRITION.
PREREQUISITE: THIRD YEAR STANDING IN VETERINARY CURRICULUM OR CONSENT OF INSTRUCTOR.
FIELD TRIP.
3 HOURS.

08468	LECT		2	MTU TH		V M A C H	MCQUEEN

VOCATIONAL AND TECHNICAL EDUCATION

DEPARTMENT OFFICE 347A EDUCATION BUILDING

VOTEC 101 NATURE OF THE TEACHING PROFESSION.
2 HOURS.
*SECTION G: AGRICULTURAL EDUCATION.
*SECTION L: HOME ECONOMICS.

08469	LECT-DISC	*G	12	F	28	EDUC	THOMAS
		*G	10-12	TH	33	EDUC	THOMAS
08470	LECT-DISC	*L	10	TU	25	EDUC	GRIGGS
		*L	10-12	TH	25	EDUC	GRIGGS

VOTEC 181 INTRODUCTORY WOODWORK.
4 HOURS.
*SECTION A FOR STUDENTS IN OCCUPATIONAL THERAPY CURRICULUM.

08472	LECT	*A	2	M W F	48A	EDUC	SREDL
	LAB	*A	3-5	M W F	48A	EDUC	SREDL
08471	LECT	B	8	TU TH	48A	EDUC	BLOOM
	LAB	B	9-12	TU TH	48A	EDUC	BLOOM

VOTEC 182 ADVANCED COURSE IN WOODWORK.
PREREQUISITE: VOTEC. 181.
4 HOURS.

08473	LECT		8	M W	48A	EDUC	TOMLINSON
	LAB		9-12	M W	48A	EDUC	TOMLINSON

VOTEC 183 GENERAL METALWORK.
4 HOURS.

08474	LECT	A	2-4		F	38	EDUC	RASIS
	LAB	A	12-3	M W		38	EDUC	RASIS
08475	LECT	B	2-4		F	38	EDUC	STERN
	LAB	B	3-6	M W		38	EDUC	STERN

VOTEC 188 GENERAL SHOP FOR ELEMENTARY AND SPECIAL EDUCATION TEACHERS.
3 HOURS.

08476	LECT	A	2	TU TH	48A	EDUC	
	LAB	A	3-5	TU TH	48A	EDUC	

VOTEC 189 SUPERVISED OCCUPATIONAL EXPERIENCE.
PREREQUISITE: SOPHOMORE STANDING.
*STUDENTS MAY ACCUMULATE SEVENTEEN HOURS.
*2 OR 3 HOURS.
TOTAL ACCUMULATED HOURS TO BE DETERMINED IN CONSULTATION
WITH ADVISOR.

08477	CONF		ARR				SREDL

VOTEC 199 UNDERGRADUATE OPEN SEMINAR.
*MAY BE REPEATED.
*0 TO 9 HOURS.
SECTION A: AGRICULTURAL EDUCATION.

08480	CONF	A	7-9PM	TH	33	EDUC	STAFF
08478	LECT-DISC	B	1	M W F	8	D K H	STAFF
08479	LECT-DISC	E	9	TU TH	8	D K H	STAFF

VOTEC 240 PRINCIPLES OF VOCATIONAL AND TECHNICAL EDUCATION.
PREREQUISITE: VOTEC. 101 AND PSYCH. 100.
2 HOURS.
*SECTION B: BUSINESS EDUCATION.
*SECTION E: HOME ECONOMICS EDUCATION.

08482	LECT-DISC	*B	2	M W	8	D K H	MAHAFFEY
08481	LECT-DISC	*E	2	M W	22	EDUC	SPITZE

VOTEC 249 INDEPENDENT STUDY.
PREREQUISITE: UPPER CLASSMAN, UPPER 5 PER CENT OF CLASS IN GRADE
POINT AVERAGE, CONSENT OF ADVISER AND STAFF MEMBER WHO SUPERVISES
THE WORK.
2 HOURS.
*SECTION AG: AGRICULTURE EDUCATION.
*SECTION BUS: BUSINESS EDUCATION.
*SECTION HED: HOME ECONOMIC EDUCATION.
*SECTION IED: INDUSTRIAL EDUCATION.

08483	CONF		ARR	STAFF
08484	CONF	*AG	ARR	
08485	CONF	*BUS	ARR	
08486	CONF	*HED	ARR	
08487	CONF	*IED	ARR	

VOTEC 271 TECHNIC AND CURRICULUM DEVELOPMENT FOR TEACHING DATA
PROCESSING AND OFFICE MACHINES.
3 HOURS.

08488	LECT	B	9	M W F	8	D K H	MAHAFFEY
	LAB	B	1	TU TH	8	D K H	MAHAFFEY

VOTEC 276 STUDENT TEACHING IN VOCATIONAL AGRICULTURE.
PREREQUISITE: HP. ED. 201 AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
AND CONCURRENT ENROLLMENT IN VOTEC. 277.
5 HOURS.

08489	CONF	A	ARR				STAFF

VOTEC 277 PROGRAMS AND PROCEDURES IN AGRICULTURAL EDUCATION.
PREREQUISITE: HP. ED. 201, AND VOTEC. 240 OR CONSENT OF INSTRUCTOR
AND CONCURRENT ENROLLMENT IN VOTEC. 276.
5 HOURS.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

08490	LECT	A	8-10	MTUWTHF	28	EDUC	WILLIAMS
08491	LAB	1	10	MTUWTHF	28	EDUC	WILLIAMS
08492	LAB	2	3-5	TU TH	28	EDUC	WILLIAMS

VOTEC 278 VOCATIONAL EDUCATION IN HOME ECONOMICS FOR ADULTS.
PREREQUISITE: SENIOR STANDING. REGISTRATION IN SE. ED. 241 AND ED. PR. 242.
3 HOURS.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.
*TWO HOURS TO BE ARRANGED.

08493	LECT-DISC	C	*9	MTUWTHF	22	EDUC	GRIGGS

VOTEC 280 GENERAL DRAFTING.
PREREQUISITE: G. E. 101 AND ARCH. 141.
3 HOURS.
WILL NOT MEET DURING THE SIX-WEEK STUDENT TEACHING PERIOD.

08494	LECT-DISC		9-12	TU TH	38	EDUC	TINKHAM

VOTEC 349 SPECIAL STUDY AND INVESTIGATION IN VOCATIONAL AND TECHNICAL EDUCATION.
PREREQUISITE: CONSENT OF INSTRUCTOR: DEMONSTRATED ABILITY TO PURSUE SPECIAL STUDY OR INVESTIGATION PROPOSED.
2 TO 4 HOURS. OR 1/2 TO 1 UNIT.
*SECTION A IS FOR AGRICULTURAL EDUCATION.
*SECTION B IS FOR BUSINESS EDUCATION.
*SECTION C IS FOR HOME ECONOMICS.
*SECTION D IS FOR INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

08495	CONF	*A	ARR				STAFF
08496	CONF	*B	ARR				STAFF
08497	CONF	*C	ARR				STAFF
08498	CONF	*D	ARR				STAFF
08499	CONF	*E	ARR				STAFF

VOTEC 381 PRINCIPLES OF VOCATIONAL EDUCATION.
3 HOURS. OR 1/2 OR 1 UNIT.

08500	LECT-DISC		7-930PM	TU	25	EDUC	KARNES

VOTEC 382 COOPERATIVE VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS.
2 OR 4 HOURS. OR 1/2 OR 1 UNIT.
*SECTION B: BUSINESS. 4 HOURS OR 1 UNIT.

08501	LECT-DISC	*B	4-6	TU TH	8	D K H	MAHAFFEY

VOTEC 383 DEVELOPMENT. ORGANIZATION. AND PRINCIPLES OF INDUSTRIAL EDUCATION.
3 HOURS. OR 1/2 OR 1 UNIT.

08502	LECT-DISC		7-930PM	M	25	EDUC	TOMLINSON

VOTEC 387 TRAINING PROGRAMS IN INDUSTRY.
PREREQUISITE: JUNIOR STANDING IN INDUSTRIAL EDUCATION OR CONSENT OF INSTRUCTOR.
4 HOURS OR 1 UNIT.

08503	LECT-DISC		630-930PM	TH	40	COM W	SREDL

VOTEC 388 SPECIAL TECHNIQUES OF TEACHING VOCATIONAL INDUSTRIAL SUBJECTS.
PREREQUISITE: JUNIOR STANDING AND TEN HOURS OF UNDERGRADUATE CREDIT IN APPROPRIATE VOCATIONAL AND TECHNICAL EDUCATION COURSES.
4 HOURS OR 1 UNIT.

08504	LECT-DISC		630-10PM	W	28	EDUC	KARNES

VOTEC 449 INDEPENDENT STUDY.
PREREQUISITE: APPROVAL OF STUDY OUTLINE BY ADVISER AND THE DEPARTMENT CHAIRMAN PRIOR TO ENROLLMENT.
*MAY BE REPEATED FOR A MAXIMUM OF TWO UNITS. OR MORE BY SPECIAL CONSENT OF THE DEAN.
*1/2 OR 1 UNIT.
*SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

08505	CONF	*A	ARR				STAFF
08506	CONF	*B	ARR				STAFF
08507	CONF	*C	ARR				STAFF
08508	CONF	*D	ARR				STAFF
08509	CONF	*E	ARR				STAFF

VOTEC 451 DIRECTING PERSONNEL DEVELOPMENT IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS EDUCATION.
PREREQUISITE: ONE UNIT IN VOCATIONAL AND TECHNICAL EDUCATION, OR CONSENT OF INSTRUCTOR.
1 UNIT.

08510	LECT-DISC	4-6	TU	22	EDUC	MATHER

VOTEC 453 PROBLEMS IN HOME ECONOMICS EDUCATION.
1 UNIT.

08511	LECT-DISC	7-9PM	W	25	EDUC	MATHER

VOTEC 472 COURSE PLANNING AND TEACHING PROCEDURES IN AGRICULTURAL OCCUPATIONS PROGRAM.
PREREQUISITE: VOTEC. 276 AND 277 OR CONSENT OF INSTRUCTOR.
1/2 UNIT.

08512	LECT-DISC	430-630	M	385	EDUC	THOMAS

VOTEC 476 GUIDANCE IN VOCATIONAL, TECHNICAL, AND PRACTICAL ARTS EDUCATION.
1 UNIT.

08513	LECT-DISC	7-930PM	M	28	EDUC	WALKER

VOTEC 482 RESEARCH STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION.
1 UNIT.

08514	LECT-DISC	630-930PM	M	33	EDUC	EVANS

VOTEC 488 CURRICULUM PROBLEMS AND TRENDS IN INDUSTRIAL EDUCATION.
PREREQUISITE: UNDERGRADUATE WORK IN VOCATIONAL AND TECHNICAL EDUCATION.
1 UNIT.

08515	LECT-DISC	7-930PM	TU	33	EDUC	STERN

VOTEC 490 SEMINAR FOR ADVANCED STUDENTS OF EDUCATION.
OPEN ONLY TO PERSONS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY IN VOCATIONAL AND TECHNICAL EDUCATION.
1 TO 2 UNITS.
*SECTION A: AGRICULTURE.
*SECTION B: BUSINESS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

08516	CONF	*A	ARR	STAFF
08517	CONF	*B	ARR	STAFF
08518	CONF	*C	ARR	STAFF
08519	CONF	*D	ARR	STAFF
08520	CONF	*E	ARR	STAFF

VOTEC 491 FIELD STUDY AND THESIS SEMINAR.
LIMITED TO STUDENTS WHO HAVE BEEN ADMITTED FOR DOCTORAL STUDY.
1 TO 2 UNITS.
*SECTION A: AGRICULTURE.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

08521	CONF	*A	ARR	STAFF
08522	CONF	*B	ARR	STAFF
08523	CONF	*C	ARR	STAFF
08524	CONF	*D	ARR	STAFF
08525	CONF	*E	ARR	STAFF

VOTEC 499 THESIS RESEARCH.
0 TO 4 UNITS.
*SECTION A: AGRICULTURE.
*SECTION B: HOME ECONOMICS.
*SECTION C: HOME ECONOMICS.
*SECTION D: INDUSTRIAL EDUCATION.
*SECTION E: GENERAL VOTEC.

08526	CONF	*A	ARR	STAFF
08527	CONF	*B	ARR	STAFF
08528	CONF	*C	ARR	STAFF
08529	CONF	*D	ARR	STAFF
08530	CONF	*E	ARR	STAFF

DEPARTMENT OFFICE 309H D H

YRUBA 202 ELEMENTARY YORUBA. II.
ALL STUDENTS ARE REQUIRED TO REGISTER FOR 3 HOURS WORK PER WEEK IN THE LANGUAGE LABORATORY.
PREREQUISITE: YRUBA 201 OR CONSENT OF INSTRUCTOR.
5 HOURS.
OPEN TO FRESHMEN.

08531	LECT-DISC	9	MTUW F	1110	F L B		AJOLORE

YRUBA 304 INTERMEDIATE YORUBA. II.
PREREQUISITE: YORUBA 303 OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

08532	LECT-DISC	3	M W F	374	L H		AJOLORE

ZOOLOGY

DEPARTMENT OFFICE 287 MORRILL HALL

MAJOR: BIOLOGY 110 AND 111, OR EQUIVALENT, AND TWENTY HOURS IN COURSES AT THE 200-LEVEL OR ABOVE OFFERED WITHIN THE SCHOOL OF LIFE SCIENCES. THE TWENTY HOURS MUST INCLUDE AT LEAST TWELVE HOURS OF CREDIT IN ZOOLOGY COURSES AND AT LEAST TWO LABORATORY OR FIELD COURSES. UP TO FIVE HOURS OF THE TWENTY HOUR REQUIREMENT MAY CONSIST OF ZOOLOGY 303, OR EQUIVALENT, AND NO MORE THAN EIGHT HOURS IN SUCH COURSES WILL BE ACCEPTED FOR GRADUATION CREDIT. ALSO REQUIRED ARE ONE YEAR OF PHYSICS, AT LEAST THREE SEMESTERS OF CHEMISTRY INCLUDING ORGANIC, AND MATHEMATICS 120 OR EQUIVALENT. COURSES IN BIOCHEMISTRY, CALCULUS AND STATISTICS ARE HIGHLY RECOMMENDED.

MINORS: TWENTY HOURS IN ONE OR TWO OF THE FOLLOWING SUBJECTS, WITH AT LEAST EIGHT HOURS IN EACH IF TWO ARE CHOSEN: ANIMAL SCIENCE (TO BE CHOSEN FROM COURSES 100, 110, 230, 305 OR 330), ANTHROPOLOGY, BIOCHEMISTRY, BOTANY, CHEMISTRY, EDUCATION, ENTOMOLOGY, GEOGRAPHY, GEOLOGY, MATHEMATICS, MICROBIOLOGY, PHYSICS, PHYSIOLOGY, PSYCHOLOGY

HONORS: STUDENTS WORKING TOWARD DEPARTMENTAL DISTINCTION MUST MAINTAIN A GRADE POINT AVERAGE OF AT LEAST 4.0 IN ALL COURSES TAKEN WITHIN THE SCHOOL OF LIFE SCIENCES AND MUST SUBMIT A WRITTEN REPORT ON INDEPENDENT RESEARCH CONDUCTED UNDER THE SUPERVISION OF A FACULTY ADVISOR.

ZOOL 104 ELEMENTARY ZOOLOGY.
4 HOURS.

08533	LECT	A	9	TU TH	112	G H	INGLE
08534	LECT	B	3	TU TH	112	G H	
08535	LAB-DISC	1	8-10	M	338	N H B	
		1	8	F	338	N H B	
08536	LAB-DISC	2	8-10	M	418	N H B	
		2	8	F	418	N H B	
08537	LAB-DISC	3	10-12	M	338	N H B	
		3	10	F	338	N H B	
08538	LAB-DISC	4	10-12	M	418	N H B	
		4	10	F	418	N H B	
08539	LAB-DISC	5	1-3	M	338	N H B	
		5	1	F	338	N H B	
08540	LAB-DISC	6	1-3	M	418	N H B	
		6	1	F	418	N H B	
08541	LAB-DISC	7	3-5	M	338	N H B	
		7	3	F	338	N H B	
08542	LAB-DISC	8	3-5	M	418	N H B	
		8	3	F	418	N H B	
08543	LAB-DISC	9	8-10	TU	338	N H B	
		9	8	TH	326	N H B	
08544	LAB-DISC	10	8-10	TU	418	N H B	
		10	9	TH	326	N H B	

ZOOL 104 CONTINUED

08545	LAB-DISC	11	10-12	TU		338	N H B	
		11	10		TH	326	N H B	
08546	LAB-DISC	12	10-12	TU		418	N H B	
		12	11		TH	326	N H B	
08547	LAB-DISC	13	1-3	TU		338	N H B	
		13	1		TH	326	N H B	
08548	LAB-DISC	14	1-3	TU		418	N H B	
		14	2		TH	326	N H B	
08549	LAB-DISC	15	3-5	TU		338	N H B	
		15	3		TH	326	N H B	
08550	LAB-DISC	16	3-5	TU		418	N H B	
		16	4		TH	326	N H B	
08551	LAB-DISC	17	8-10	W		338	N H B	
		17	9		F	338	N H B	
08552	LAB-DISC	18	8-10	W		418	N H B	
		18	9		F	418	N H B	
08553	LAB-DISC	19	10-12	W		338	N H B	
		19	11		F	338	N H B	
08554	LAB-DISC	20	10-12	W		418	N H B	
		20	11		F	418	N H B	
08555	LAB-DISC	21	1-3	W		338	N H B	
		21	2		F	338	N H B	
08556	LAB-DISC	22	1-3	W		418	N H B	
		22	2		F	418	N H B	
08557	LAB-DISC	23	3-5	W		338	N H B	
		23	4		F	338	N H B	
08558	LAB-DISC	24	3-5	W		418	N H B	
		24	4		F	418	N H B	
08559	LAB-DISC	25	8-10	TH		338	N H B	
		25	8	TU		326	N H B	
08560	LAB-DISC	26	8-10	TH		418	N H B	
		26	9	TU		326	N H B	
08561	LAB-DISC	27	10-12	TH		338	N H B	
		27	10	TU		326	N H B	
08562	LAB-DISC	28	10-12	TH		418	N H B	
		28	11	TU		326	N H B	
08563	LAB-DISC	29	1-3	TH		338	N H B	
		29	1	TU		326	N H B	
08564	LAB-DISC	30	1-3	TH		418	N H B	
		30	2	TU		326	N H B	
08565	LAB-DISC	31	3-5	TH		338	N H B	
		31	3	TU		326	N H B	
08566	LAB-DISC	32	3-5	TH		418	N H B	
		32	4	TU		418	N H B	

ZOOL 107 EVOLUTION.
PREREQUISITE: SOPHOMORE STANDING.
*CREDIT WILL NOT BE GIVEN FOR BOTH ZOOL. 107 AND BIOL. 115.
*3 HOURS.

08567	DISC		9	M W F		151	E E B	KITZMILLER

ZOOL 143 BIOLOGICAL BASES OF HUMAN BEHAVIOR.
SAME AS ANTH. AND PSYCH. 143.
3 HOURS.

08568	LECT-DISC		9-1030	TU TH		313	D H	KLEIN

ZOOL 232 COMPARATIVE VERTEBRATE ANATOMY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
5 HOURS.

08569	LECT		1	M W F		245	E E B	FRAZZETTA
08570	LAB	A	8-11	TU TH		330	N H B	
08571	LAB	B	11-2	TU TH		330	N H B	
08572	LAB	C	2-5	TU TH		323	N H B	

ZOOL 246 VERTEBRATE SOCIAL ORGANIZATION.
SAME AS ANTH., PSYCH., AND SOC. 246.
PREREQUISITE: ONE YEAR OF INTRODUCTORY BIOLOGY.
3 HOURS.

08573	LECT		10	M W F		202	H H	BANKS

ZOOL 300 GENERAL SEMINAR.
REQUIRED OF ALL GRADUATE STUDENTS BUT ALSO OPEN TO SENIORS WHOSE MAJOR IS ZOOLOGY.
NO CREDIT.

08574	DISC		5	M	228	N H B		

ATTENTION IS ALSO CALLED TO THE FOLLOWING SPECIAL CLUBS AND SEMINARS: ANIMAL ECOLOGY CLUB. 5 PM W, 302 VIVARIUM.
GENETICS SEMINAR--INTERDEPARTMENTAL. 4 PM, FIRST AND THIRD MONDAYS, 341 A S L.
ENDOCRINOLOGY SEMINAR--INTERDEPARTMENTAL. FOR TOPICS, TIME, AND PLACE, SEE UNIVERSITY CALENDAR.
PROTOZOOLOGY-PARASITOLOGY SEMINAR. SECOND TUESDAYS, 7.30 P M. 167 VET MED.
FOR DETAILS, SEE UNIVERSITY CALENDAR.

ZOOL 301 INTRODUCTION TO ENTOMOLOGY.
SAME AS ENTOM. 301.
PREREQUISITE: BIOL. 111 AND CHEM. 131 AND CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

08575	LECT		1	M W F	408	N H B		FRIEDMAN,
08576	LAB	A	2-5	M W	405	N H B		MACLEOD
08577	LAB	B	1-4	TU TH	405	N H B		STERNBURG

ZOOL 303 INDIVIDUAL TOPICS.
PREREQUISITE: TWO YEARS OF ZOOLOGY, SENIOR STANDING, APPROVAL OF DEPARTMENT.
2 TO 5 HOURS, OR 1/2 TO 1 UNIT.

08578	CONF	&A	ARR					STAFF

ZOOL 312 ENDOCRINOLOGY.
SAME AS PHYSL. 312.
PREREQUISITE: PHYSL. 301 OR A COURSE IN BIOCHEMISTRY; CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

08579	LECT		9	M W F	202	H H		GORSKI

ZOOL 320 INVERTEBRATE ZOOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
5 HOURS OR 1 UNIT.

08580	LECT		10	M W F	140	BUR HALL		SWEENEY
08581	LAB	A	1-4	M W	208	N L		
08582	LAB	B	9-12	TU TH	208	N L		
08583	LAB	C	1-4	TU TH	208	N L		

ZOOL 333 VERTEBRATE EMBRYOLOGY.
PREREQUISITE: BIOL. 111 OR EQUIVALENT
5 HOURS OR 1 UNIT.

08584	LECT		3	TU	228	N H B		WATTERSON
			3-5	TH	228	N H B		
08585	LAB-DISC	A	8-10	M W F	318	N H B		
08586	LAB-DISC	B	10-12	M W F	318	N H B		
08587	LAB-DISC	C	1-3	M W F	318	N H B		
08588	LAB-DISC	D	9-12	TU TH	318	N H B		

ZOOL 335 ORNITHOLOGY.
PREREQUISITE: BIOL. 110-111 OR EQUIVALENT.
FIELD TRIPS.
3 HOURS OR 1/2 UNIT.

08589	LECT		11	TU TH	140	BUR HALL		KENDEIGH
08590	LAB-DISC	A	8-11	W	302	VIVARIUM		
08591	LAB-DISC	B	8-11	TH	302	VIVARIUM		
08592	LAB-DISC	C	8-11	S	302	VIVARIUM		

ZOOL 337 ICHTHYOLOGY.
PREREQUISITE: ZOOL. 232.
3 HOURS OR 1/2 UNIT.
FIELD WORK TO BE ARRANGED.

08593	LECT		8	M W	102B	VIVARIUM		SHOEMAKER
	LAB		8-12	F	102B	VIVARIUM		

ZOOL 341 FIELD ECOLOGY.
PREREQUISITE: CREDIT OR REGISTRATION IN ONE OF THE FOLLOWING: ZOOL. 304, 335, 336, 337, 338, 340, 345, AND CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 3 HOURS.
*1 HOUR OR 1/4 UNIT.

08594	LAB		ARR					GETZ/SHOEMAKER

ZOOL 343 LIMNOLOGY.
PREREQUISITE: BIOL. 110 AND 111, OR
EQUIVALENT--SENIOR STANDING OR CONSENT OF INSTRUCTOR.
5 HOURS OR 1 UNIT.

08595	LECT		1	TU TH	321	N H B	MATTESON
08596	LAB	A	8-11	TU TH	420	N H B	
08597	LAB	B	2-5	TU TH	420	N H B	

ZOOL 347 ETHOLOGY LABORATORY.
SAME AN AN. S. AND ANTH. 347.
PREREQUISITE: ZOOL. ANTH., OR AN. S. 346 AND CONSENT OF INSTRUCTOR.
3 HOURS OR 3/4 UNIT.

08598	LAB		10	M W F	346	N H B	SALMON

ZOOL 348 PHYSIOLOGICAL BASES OF BEHAVIOR.
PREREQUISITE: ZOOL. 346 OR PSYCH. 345 AND PHYSL. 301 OR 302.
3 HOURS OR 3/4 UNIT.

08599	CONF		ARR				SALMON/SWEENEY

ZOOL 352 VIRUSES. II.
SAME AS BOT. AND MCBIO. 352.
PREREQUISITE: BOT./MCBIO./ZOOL. 351 OR CONSENT OF INSTRUCTOR;
BIOCHEMISTRY AND CALCULUS RECOMMENDED.
3 HOURS OR 3/4 UNIT.

08600	LECT		9	M W F	140	BUR HALL	BLACK AND REICHMAN

ZOOL 402 MOLECULAR GENETICS: CHROMOSOME MECHANICS.
SAME AS BOT. AND MCBIO. 402.
PREREQUISITE: MCBIO. 316 AND 330 OR CONSENT OF INSTRUCTOR.
3/4 UNIT.

08601	LECT		10	M W F	231	N H B	STAFF

ZOOL 406 PHYSIOLOGY OF REPRODUCTION
SAME AS AN. S. 406.
1 UNIT.

08602	LAB-DISC		1-3	TU TH	135	A S L	NALBANDOV

ZOOL 407 EVOLUTIONARY THEORY.
PREREQUISITE: ONE COURSE IN GENETICS AND CONSENT OF INSTRUCTOR.
1 UNIT.

08603	LECT-DISC		11	TU TH	229	N H B	LEE

ZOOL 408 LABORATORY METHODS IN PHYSIOLOGY OF REPRODUCTION.
SAME AS AN. S. 408.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 TO 1 UNIT.

08604	LAB		ARR				DZIUK AND NALBANDOV

ZOOL 412 ADVANCED ENDOCRINOLOGY
SAME AS AN. S., D. S., AND PHYSL. 412.
PREREQUISITE: PHYSL. OR ZOOL. 312; CONSENT OF INSTRUCTOR.
*STUDENTS MAY ACCUMULATE 2 UNITS.
*1/2 UNIT.
TOPIC: TO BE ANNOUNCED.

08605	DISC		730-10PM	M	140	BUR HALL	NALBANDOV

ZOOL 424 INVERTEBRATE TAXONOMY.
PREREQUISITE: ZOOL. 304.
1 UNIT.

08606	CONF		ARR				MATTESON

ZOOL 433 TOPICS IN DEVELOPMENTAL BIOLOGY.
PREREQUISITE: ZOOL. 367.
*MAXIMUM CREDIT FOR MASTERS CANDIDATES ONE UNIT, DOCTORAL
CANDIDATES THREE UNITS.
*1/4 UNIT.
INSTRUCTORS: BROWN, DAVENPORT, NANNEY, STOCUM, WATTERSON, WHITT.

08607	DISC		ARR				

ZOOL 443 PROBLEMS IN PRIMATE BEHAVIOR AND ECOLOGY.
SAME AS ANTH. 443.
PREREQUISITE: CONSENT OF INSTRUCTOR.
*MAY BE REPEATED FOR ADDITIONAL CREDIT.
*1 UNIT.

08608	CONF	ARR							KLEIN

ZOOL 444 CONCEPTS IN ETHOLOGY.
PREREQUISITE: ZOOL. 346.
1/2 UNIT.

08609	DISC	ARR							BANKS

ZOOL 446 PHYSIOLOGICAL ECOLOGY.
1 UNIT.

08610	LECT	4	M	W	F	302	VIVARIUM		GETZ,
	LAB	8-12			S	201	VIVARIUM		KENDEIGH

ZOOL 451 ADVANCED CELLULAR PHYSIOLOGY.
SAME AS PHYSL. 451.
PREREQUISITE: CONSENT OF INSTRUCTOR.
1/2 UNIT.
TOPIC: FUNCTION OF CELL MEMBRANES.

08611	DISC	730-930PM		W		501	BUR HALL		WILLIS

ZOOL 490 INDIVIDUAL RESEARCH.
FOR MASTERS DEGREE CANDIDATES WHO ELECT TO WRITE A RESEARCH REPORT RATHER THAN A THESIS.
PREREQUISITE: CONSENT OF ADVISER.
*NO MORE THAN 3 UNITS MAY BE INCLUDED IN THE MASTERS DEGREE PROGRAM.
*1/2 TO 3 UNITS.

08612	CONF	ARR							STAFF

ZOOL 499 THESIS RESEARCH.
0 TO 4 UNITS.

ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF VERTEBRATES:	
VERTEBRATE ANATOMY	
FUNCTIONAL ANATOMY	FRAZZETTA
VERTEBRATE PHYSIOLOGY	PROSSER, HEATH
ANATOMY, PHYSIOLOGY, PHYLOGENY AND GENERAL CLASSIFICATION OF INVERTEBRATES:	
HELMINTHOLOGY	KRUIDENIER, SILVERMAN, LEVINE
INVERTEBRATE ZOOLOGY	MATTESON, SWEENEY
INVERTEBRATE PHYSIOLOGY	PROSSER, SWEENEY
PARASITOLOGY	KRUIDENIER, SILVERMAN,ALGER
PROTOZOOLOGY	SMALL, LEVINE
EMBRYOLOGY AND BASIC KNOWLEDGE OF CELLS AND TISSUES:	
CYTOLOGY	DAVENPORT
DEVELOPMENTAL BIOLOGY	WHITT
EMBRYOLOGY AND REGENERATION	DAVENPORT, WATTERSON,STOCUM
TOXICOLOGY	INGLE
ULTRASTRUCTURE	HALL
ECOLOGY, PRINCIPLES OF TAXONOMY, NATURAL HISTORY:	
ECOLOGY	KENDEIGH, WILLSON, GHENT, GETZ
ETHOLOGY	BANKS, HIRSCH, SALMON
HERPETOLOGY	
ICHTHYOLOGY	SHOEMAKER, P. SMITH
LIMNOLOGY	MATTESON, BENNETT
MAMMALOGY	HOFFMEISTER, LEE, LELAND
ORNITHOLOGY	KENDEIGH
TAXONOMY	EADES
WILDLIFE	KENDEIGH, SHOEMAKER, SANDERSON
GENETICS AND EVOLUTION:	
GENETICS	KITZMILLER, NANNEY, BROWN,
EVOLUTIONARY THEORY	FRAZZETTA

08613	CONF	ARR							STAFF

NON-COMBINED FINAL EXAMINATION SCHEDULE

Second Semester, 1971-1972

Tuesday, May 30, to Wednesday, June 7, 1972

Note: This schedule does not apply to courses in the Colleges of Law and Veterinary Medicine or to combined-sections examinations. These schedules will be announced later.

REQUIREMENT

Examinations are given at the close of each semester in all courses except those the character of which renders final examinations unnecessary or impracticable.

TIME OF EXAMINATIONS

Instructors must give final examinations at the time specified unless a change is approved *in advance* by the Vice-Chancellor for Academic Affairs. Requests for change should be submitted through the executive officer of the department in which the course is offered and the dean of the appropriate college. (Instructors in courses with forty or more students scheduled to give the final examination on the last day of the examination period have the option of giving their examinations from 7:00 to 10:00 p.m. on the fourth day of the examination period, or at the time originally scheduled. If the early date is elected, required make-up examinations must be given at the time originally scheduled.)

Undergraduate Students. Only the dean of the student's college may approve postponement of the final examination in *individual cases* of undergraduate students.

Graduate Students. The student's instructor is authorized to approve requests for postponement of the final examination in *individual cases* of graduate students.

EVENING EXAMINATIONS

Evening examinations *are not authorized* except for classes regularly scheduled through the semester to meet at 7:00 a.m., 12:00 noon, and after 4:00 p.m. The evening hours for these examinations are specified in the published non-combined examination schedule.

IRREGULARLY SCHEDULED COURSES

The final examination in a sectional course having at *least two lectures per week at the same hour* must be scheduled according to the sequence (MWF or TTS) in which the lectures occur, irrespective of the credit hours in the course or the time of discussion or laboratory periods.

Examinations in multiple instructional courses combining one lecture with two or more discussion and/or laboratory periods *at the same hour* should be scheduled according to the sequence in which the discussion and/or laboratory periods fall, irrespective of the lecture hour.

Examinations in courses which include combinations of one meeting each of lecture, discussion, and laboratory, or any two of these, *at different hours* must be arranged by the instructors concerned within the established period. A conflict examination must be provided if necessary.

If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. This includes graduate seminars. For example, a course regularly meeting from 1:00 to 3:00 p.m. on Monday and Wednesday, or on Wednesday, Thursday, and Friday, must have the examination scheduled from 1:30 to 4:30 p.m. on Friday, June 2, *not* Tuesday, June 6, 1972.

For courses regularly meeting on half-hour schedules, e.g., 8:00 to 9:30 a.m. on MF, the half-hour periods should be disregarded, and the examination must be given according to the sequence in which the full hours fall, i.e., 8:00 a.m. on MF. The examination in such a course would be given on Friday, June 2, from 8:00 to 11:00 a.m.

SINGLE MEETING CLASSES

Examinations for courses meeting only once a week for one or more hours are to be arranged by the instructors concerned *within the established examination period* (May 30 to June 7, 1972).

Final examinations for 300- and 400-numbered education courses meeting only once a week will be administered during the first week of the final examination period at the same time, in the same classroom, and on the same weekday scheduled for regular meetings of the course throughout the semester.

CONFLICTS

Non-combined examinations always have precedence over combined examinations, and departments giving combined-sections examinations must care for conflicts with non-combined examinations.

Two or more examinations in sequence are not considered "conflicts."

LENGTH OF EXAMINATIONS

The *maximum* limit for undergraduate examinations shall be three hours, except by special arrangement in individual cases approved by the dean of the college concerned. At the discretion of the department, a shorter examination may be given.

ROOM RESERVATIONS

Permission to use a room of more than 100 capacity should be requested by the instructor directly from the Office of Space Utilization, 237 Davenport House, extension 3-1230 or 3-1231, starting on May 8, 1972. Permission to use other rooms allocated to another department should be requested from the department to which the room has been allocated.

SUPERVISION OF EXAMINATIONS

Instructors must supervise all examinations and are responsible for seeing that there is no communication of any sort during the examination except with the instructor.

DISCIPLINE FOR ACADEMIC IRREGULARITIES

Cases of academic irregularities shall be handled by the respective schools and colleges, except that cases recommended for suspension or dismissal from the University shall be referred to the appropriate Subcommittee on Student Discipline. For details of procedure, consult Official Notice No. 73, Faculty Letter 78, May 28, 1964. (Revised regulations adopted by the Urbana-Champaign Senate, April 13, 1964 (copy of which is available in the Office of Admissions and Records).

MORNING CLASSES

(a) All courses meeting on the TTS sequence or a combination of the TTS and MWF sequences.

Classes meeting at:

Seven O'Clock	*Eight O'Clock*	*Nine O'Clock*	*Ten O'Clock*	*Eleven O'Clock*	*Twelve O'Clock*
Tues., June 6	Sat., June 3	Tues., June 6	Wed., June 7	Tues., May 30	Mon., June 5
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

(b) All courses meeting on the MWF sequence only.

Classes meeting at:

Seven O'Clock	*Eight O'Clock*	*Nine O'Clock*	*Ten O'Clock*	*Eleven O'Clock*	*Twelve O'Clock*
Tues., June 6	Fri., June 2	Mon., June 5	Wed., May 31	Thurs., June 1	Tues., May 30
7:00-10:00 p.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	8:00-11:00 a.m.	7:00-10:00 p.m.

AFTERNOON CLASSES

(a) All courses meeting on the MWF sequence or a combination of the MWF and TTS sequences.

Classes meeting at:

One O'Clock	*Two O'Clock*	*Three O'Clock*	*Four O'Clock*	*Five O'Clock*	*After Five O'Clock*
Fri., June 2	Tues., June 6	Wed., June 7	Sat., June 3	Fri., June 2	Wed., May 31
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

(b) All courses meeting on the TTS sequence only.

Classes meeting at:

One O'Clock	*Two O'Clock*	*Three O'Clock*	*Four O'Clock*	*Five O'Clock*	*After Five O'Clock*
Wed., May 31	Tues., May 30	Mon., June 5	Thurs., June 1	Thurs., June 1	Wed., May 31
1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	1:30-4:30 p.m.	7:00-10:00 p.m.	7:00-10:00 p.m.

NOTE: If a course is so arranged that the examination may be given on more than one date, the earliest date in the examination schedule must be chosen. For example, a course regularly meeting 8:00 to 10:00 on TT or WTF must schedule the examination from 8:00 to 11:00 on Saturday, June 3, *not* Tuesday, June 6, 1972.

Second Semester, 1971-1972

Jan. 31, Mon.-Feb. 6, Sun.....New Student Program.

Feb. 2, Wed., 2:30-5:00 p.m.....Early registration (special permit required).

Feb. 3, Thurs., 8:00 a.m.-
Feb. 5, Sat., noon.....Registration of graduate and undergraduate students.

Feb. 5, Sat., 8:00 a.m.-12:00 noon.....Registration of commuting teachers.

Feb. 7, Mon., 7:00 a.m.....Instruction begins.

Feb. 12, Sat.....Lincoln's Birthday (NOT a holiday).

Feb. 14, Mon., 3:10 p.m.....Meeting of the Urbana-Champaign Senate.

Feb. 15, Tues.....Graduation date (no Commencement Exercise).

Feb. 17, Thurs., 5:00 p.m.....Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range.

Feb. 21, Mon.....Latest date to elect the Pass-Fail option (first two weeks of instruction).

Feb. 21, Mon., 5:00 p.m.....Latest date for undergraduate students to add a new course.

Feb. 21, Mon.....Washington's Birthday (NOT a holiday).

March 2, Thurs.....University Day (University opened, 1868 — NOT a holiday).

March 13, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.

March 25, Sat., 1:00 p.m.....Spring vacation begins.

March 27, Mon.....Earliest date for one-half credit if withdrawing for military service (seven weeks completed).

March 31, Fri.....Good Friday (all-campus holiday).

April 3, Mon., 1:00 p.m.....Spring vacation ends.

April 6, Thurs., 5:00 p.m.....Midsemester grades due.

April 10, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.

April 10, Mon., 5:00 p.m.....Latest date for refund of one-half tuition and fees (except nonrefundable portion) if withdrawing from the University or reducing program range.

April 10, Mon., 5:00 p.m.....Latest date for undergraduate students to withdraw from a course without penalty.

April 10, Mon., 5:00 p.m.....Latest date to change from Pass-Fail Option to Regular Grade Basis.

April 26, Wed.-May 3, Wed.....Advance enrollment for Fall, 1972 (cont. students).

May 5, Fri., 5:00 p.m.....Latest date to withdraw without petitioning for readmission.

May 5, Fri.....Honors Day (classes dismissed at noon).

May 5, Fri.-May 7, Sun.....Campus Mother's Day weekend.

May 8, Mon., 3:10 p.m.....Meeting of Urbana-Champaign Senate.

May 12, Fri.....Earliest date for full credit if withdrawing for military service (twelve weeks completed).

May 25, Thurs. and May 26, Fri.....Registration for 1972 summer session off-campus courses and College of Law, including payment of tuition and fees.

May 27, Sat.....Last day of instruction.

May 29, Mon.....Memorial Day (all-campus holiday).

May 30, Tues.-June 7, Wed.....Semester examinations.

June 10, Sat.....Commencement.

Eight-Week Summer Session, 1972

May 25, Thurs. and May 26, Fri.	Registration for 1972 Summer Session off-campus courses, and College of Law, including payment of tuition and fees.
June 5, Mon.-July 12, Wed.	First session Summer Law Program.
June 9, Fri., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from first five and one-half week Law Session. (First five days.)
June 15, Thurs., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from eleven-week Law term. (First ten days.)
June 16, Fri., 8:00 a.m.-5:00 p.m.	Registration of undergraduate students.
June 16, Fri., 8:00 a.m.-5:00 p.m. and June 17, Sat., 8:00 a.m.-2:00 p.m.	Registration of graduate students.
June 19, Mon., 7:00 a.m.	Instruction begins.
June 19, Mon.-Aug. 2, Wed.	Advance enrollment (new and readmitted students).
June 21, Wed., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *first* five and one-half week Law session. (First fifteen days.)
June 23, Fri., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range in eight-week session. (First five days.)
June 26, Mon.	Latest date to elect Pass-Fail option. (First week.)
June 26, Mon.	Latest date for undergraduates to add a new course. (First week.)
July 4, Tues.	Independence Day (all-Campus holiday).
July 13, Thurs.-Aug. 19, Sat.	Second session Summer Law Program.
July 17, Mon.	Beginning of second four-week courses.
July 17, Mon., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from eleven-week Law term. (First six weeks.)
July 17, Mon., 5:00 p.m.	Latest date to change from Pass-Fail option to Regular Grade basis.
July 17, Mon., 5:00 p.m.	Latest date for undergraduates to withdraw from a course without penalty. (First four weeks.)
July 17, Mon., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from the University or reducing program range in eight-week session. (First four weeks.)
July 18, Tues., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from *second* five and one-half Law session. (First five days.)
July 18, Tues.	Earliest date for one-half credit if withdrawing from the University for military service (four weeks instruction completed), except College of Law.
July 21, Fri., 5:00 p.m.	Latest date for full refund of tuition and fees (except non-refundable portion) if withdrawing from *second* four-week courses only. (First five days.)
July 27, Thurs.	Latest date to withdraw from the University without petitioning for readmission.
July 28, Fri., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *second* four-week courses only. (First two weeks.)
July 28, Fri., 5:00 p.m.	Latest date for refund of one-half tuition and fees (except non-refundable portion) if withdrawing from *second* five and one-half week Law session. (First fifteen days.)
Aug. 1, Tues.	Earliest date for full credit if withdrawing from the University for military service (six weeks instruction completed), except College of Law.
Aug. 2, Wed.	Latest date for foreign students who have not attended a college or university in the United States to apply for admission in September, 1972.
Aug. 10, Thurs.	Last day of instruction in eight-week session.
Aug. 11, Fri.-Aug. 12, Sat.	Summer Session final examinations.
Aug. 14, Mon.	August graduation date (no Commencement Exercise).
Aug. 30, Wed.	Latest date for domestic students, or foreign students who have attended a college or university in the United States, to apply for admission or readmission in September, 1972.

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PROGRAM WORKSHEET

PRINT NAME LAST FIRST MIDDLE	PRINT YOUR SOCIAL SECURITY NUMBER	PHONE	DATE

LOCAL ADDRESS	COLLEGE	CURRICULUM	APPROVED:

SUBJECT	CRSE. NO.	CR.	V	CALL NUMBER	INSTR. TYPE	SCTN. DES.	M	TU	W	TH	F	S	MEETING PLACE
			See instruction A, II, c, 1 and 2 on page 1 of Time Table.										

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